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2019

## Division of Research and Economic Development Annual Report for FY2019

URI Division of Research and Economic Development

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THE  
UNIVERSITY  
OF RHODE ISLAND

Division of Research and Economic Development

# ANNUAL REPORT FY2019

THINK BIG  WE DO™





# ANNUAL REPORT FY2019

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Division of Research and Economic Development

# AWARD METRICS FY2019

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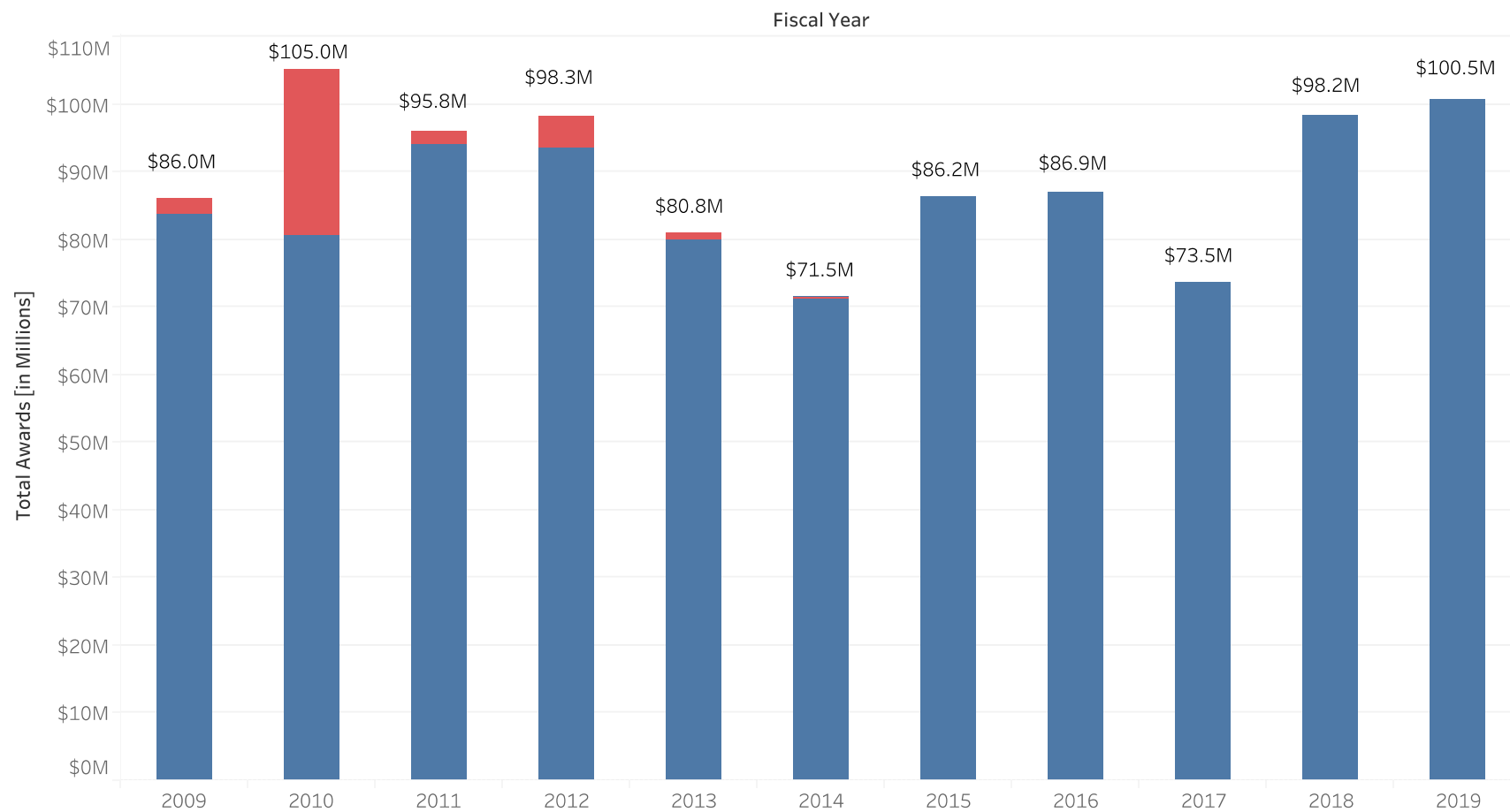


## Division of Research and Economic Development

### AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

Number of Awards	470
Type of Awards	Dollar Amount
Awards received through the Division of Research and Economic Development	\$93,756,455
Research-related activity through the URI Research Foundation	\$3,745,739
Research-related activity through the URI Foundation	\$1,333,183
Vice President for Research and Economic Development Support	\$1,517,167
Council for Research Proposal/Faculty Development Grants	\$116,795
Total	\$100,469,339

## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2009 - FY2019



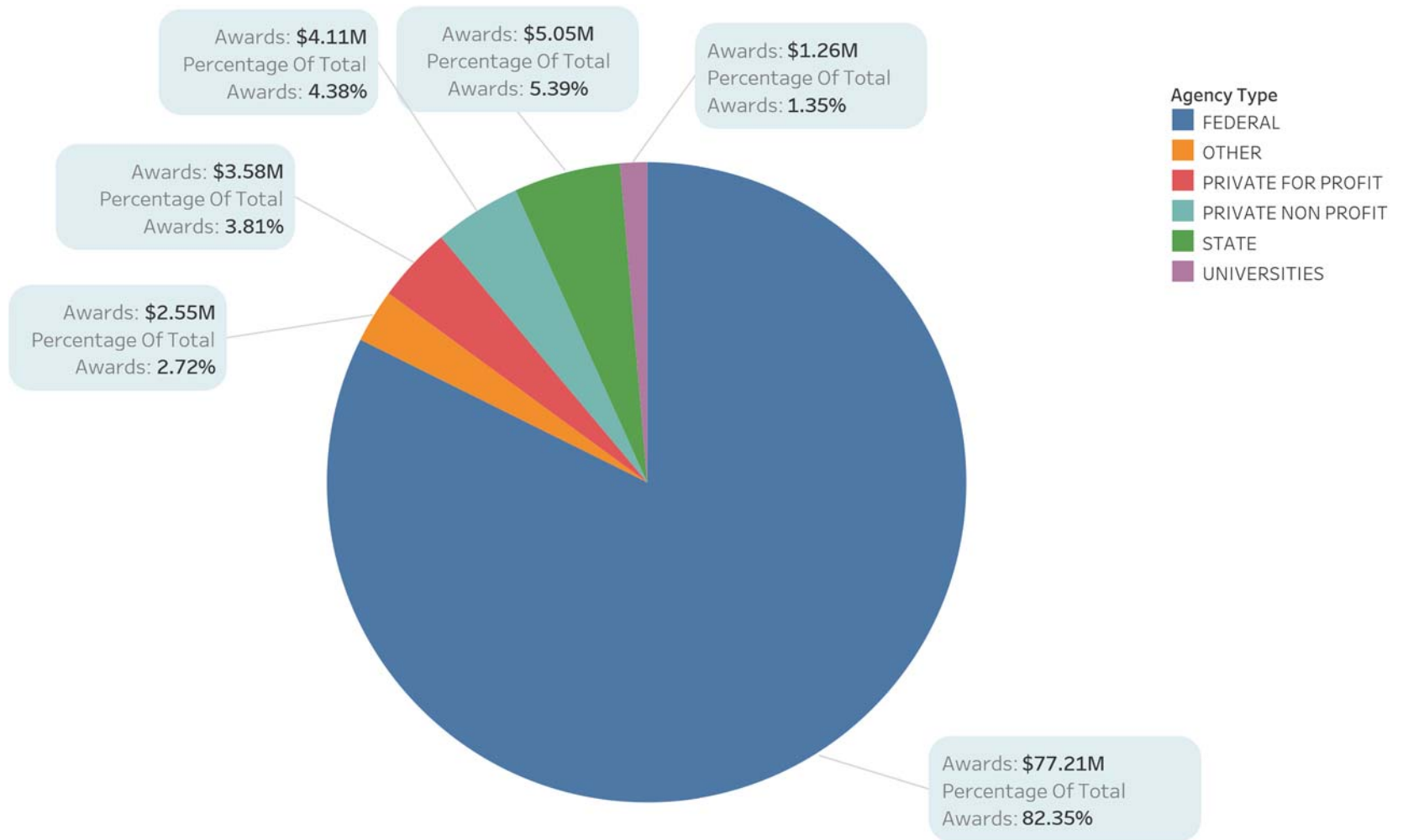
TOTAL AWARDS BY FISCAL YEAR : DATA [ IN MILLIONS ]

	Fiscal Year										
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
ARRA Awards	2.4	24.4	1.7	4.8	0.8	0.1					
Awards Non-ARRA	83.6	80.6	94.1	93.5	80.0	71.4	86.2	86.9	73.5	98.2	100.5
Total Awards	86.0	105.0	95.8	98.3	80.8	71.5	86.2	86.9	73.5	98.2	100.5

Legend

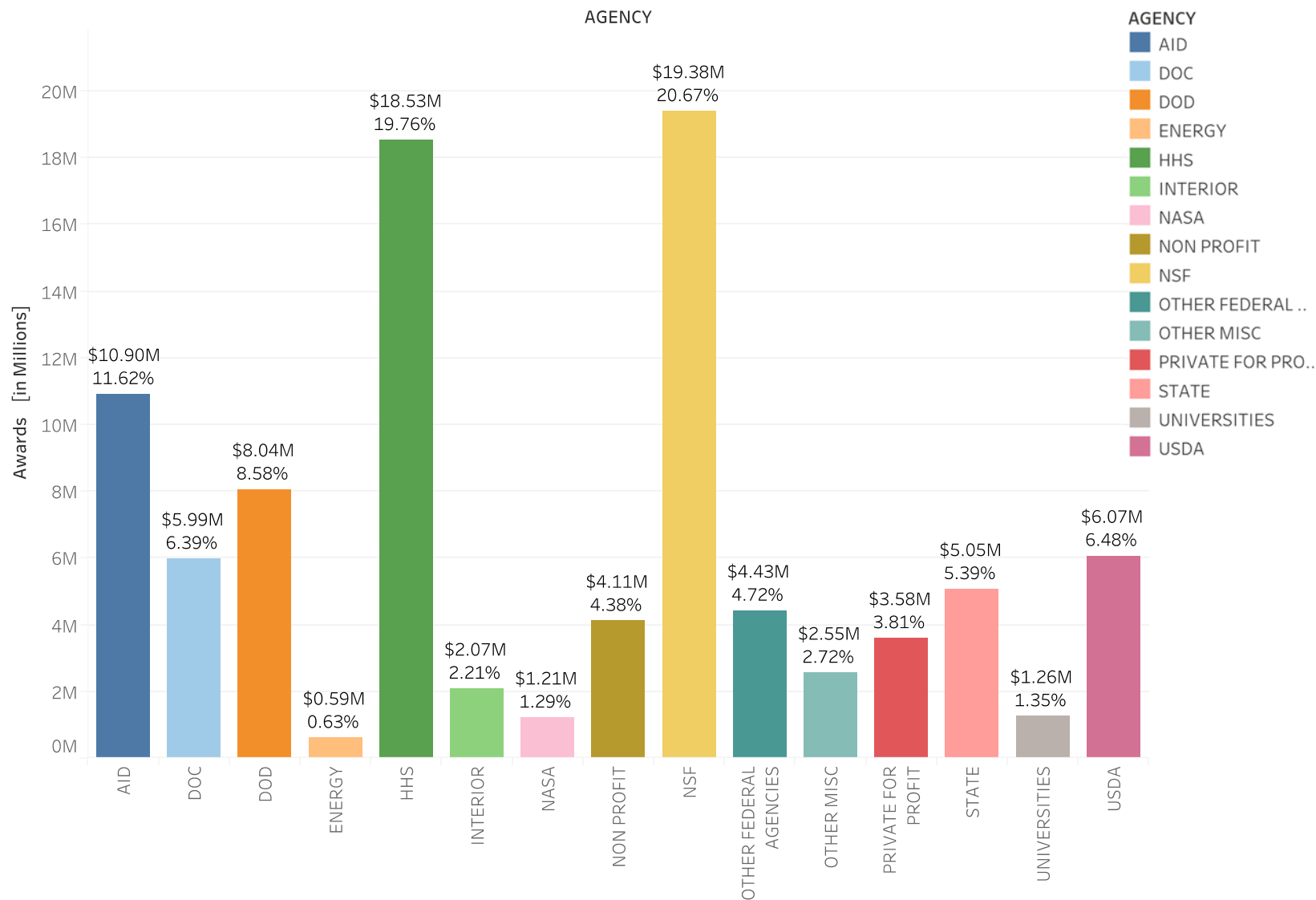
- ARRA Awards
- Awards Non-ARRA

## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT BY AGENCY TYPE FY2019

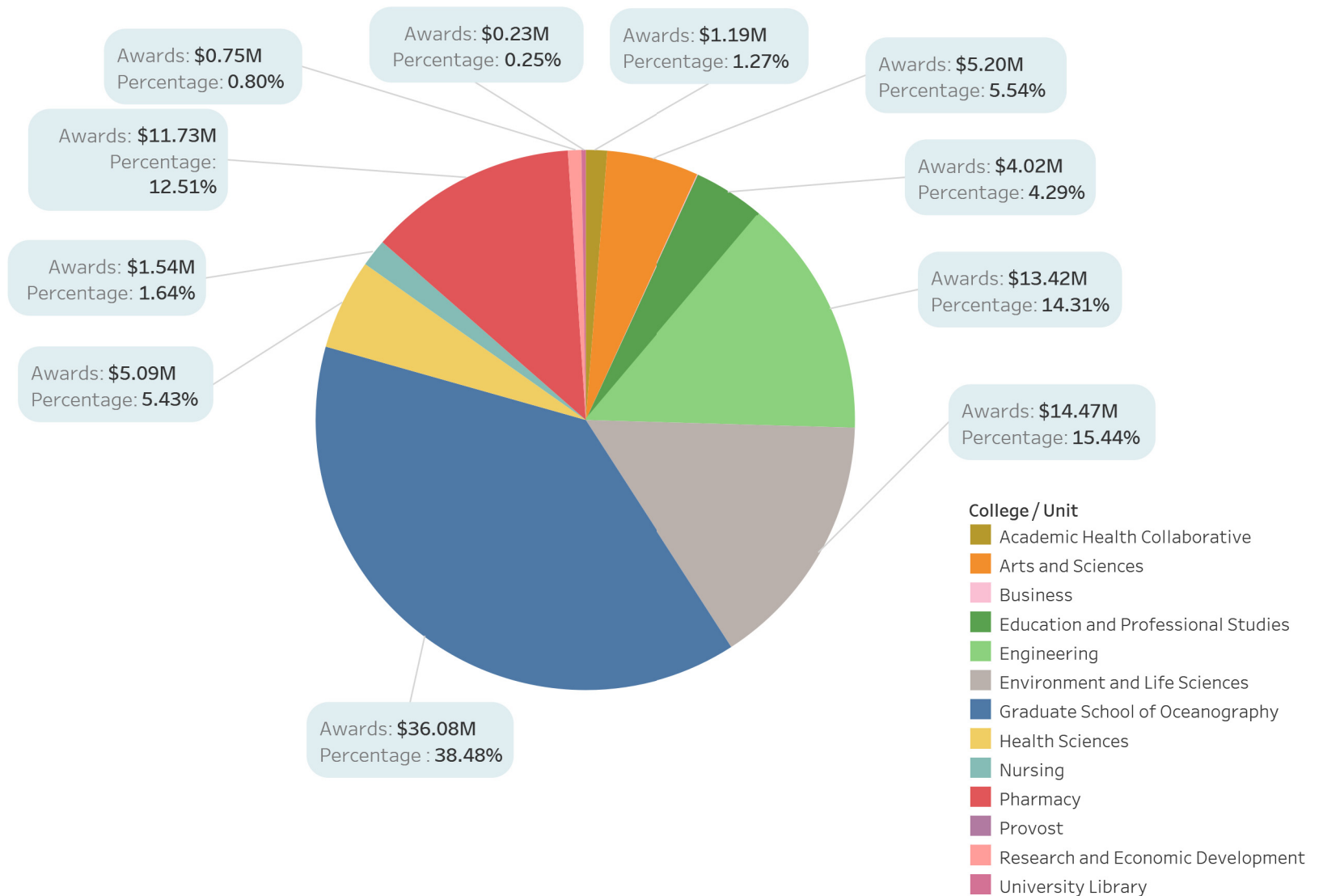




# AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT BY AGENCY FY2019



# AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT BY COLLEGE FY2019



THE  
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Division of Research and Economic Development

# AWARD METRICS FY2019

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## Division of Research and Economic Development

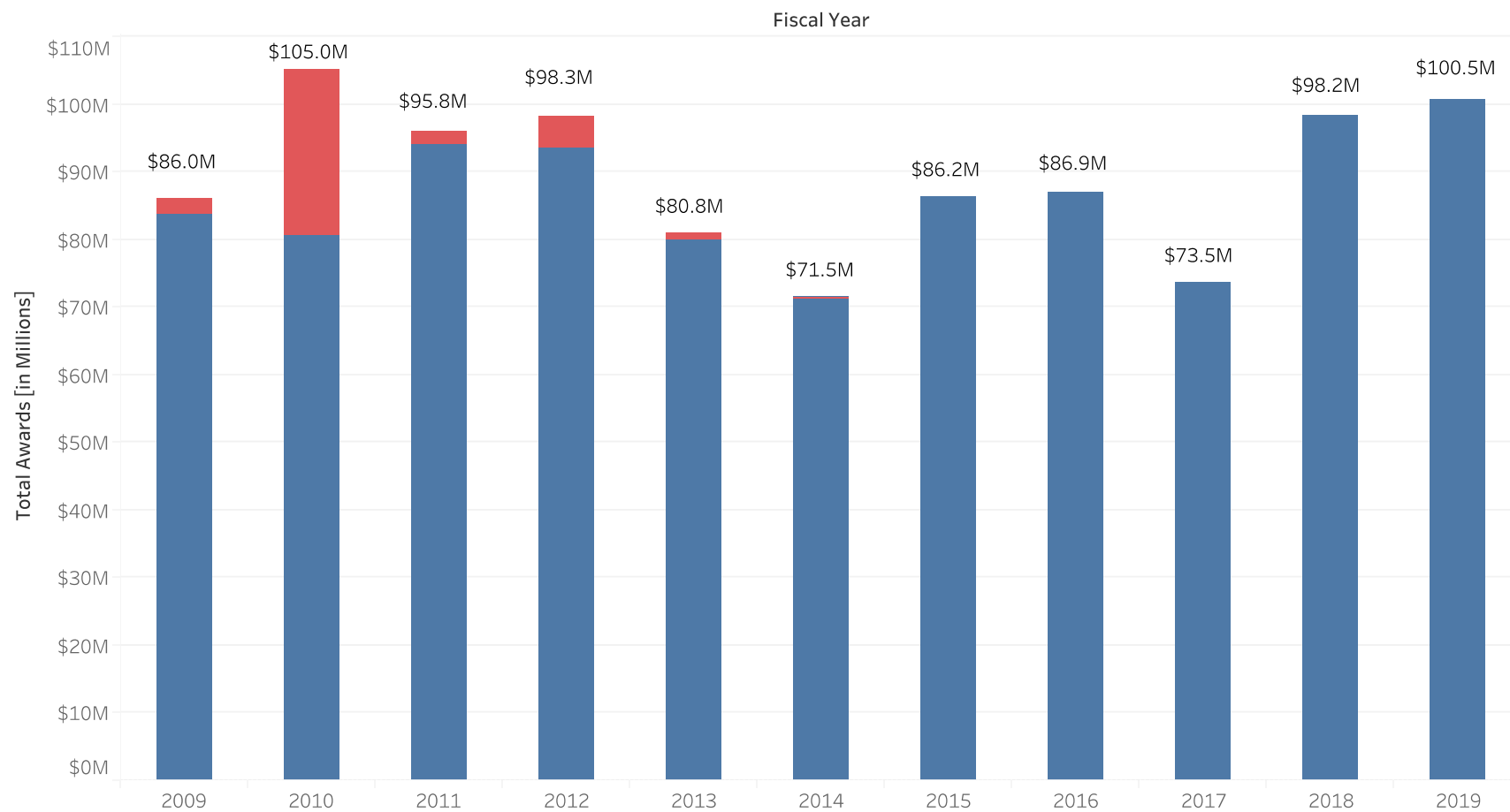
### AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

Number of Awards	470
Type of Awards	Dollar Amount
Awards received through the Division of Research and Economic Development	\$93,756,455
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## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2009 - FY2019



TOTAL AWARDS BY FISCAL YEAR : DATA [ IN MILLIONS ]

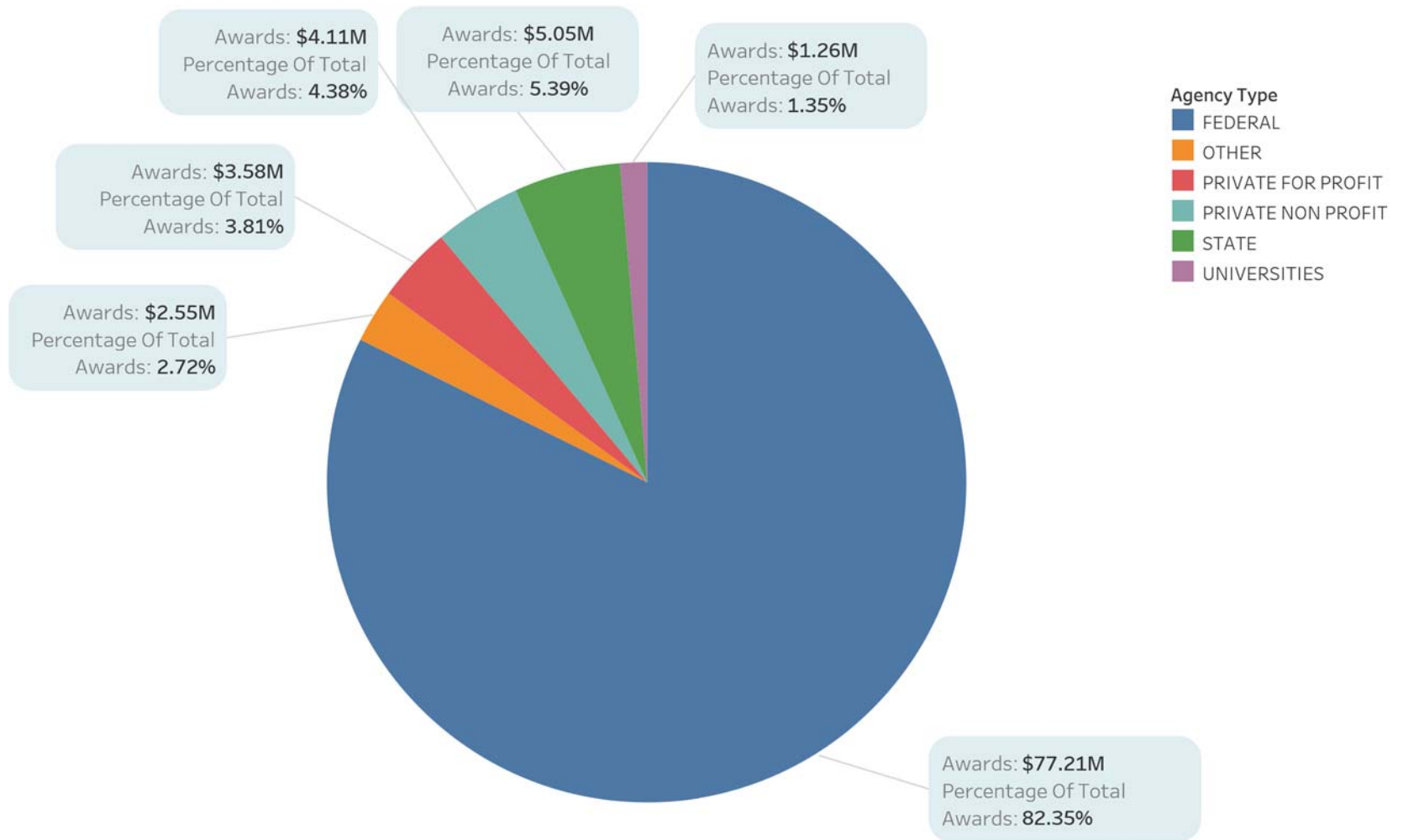
	Fiscal Year										
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ARRA Awards	2.4	24.4	1.7	4.8	0.8	0.1					
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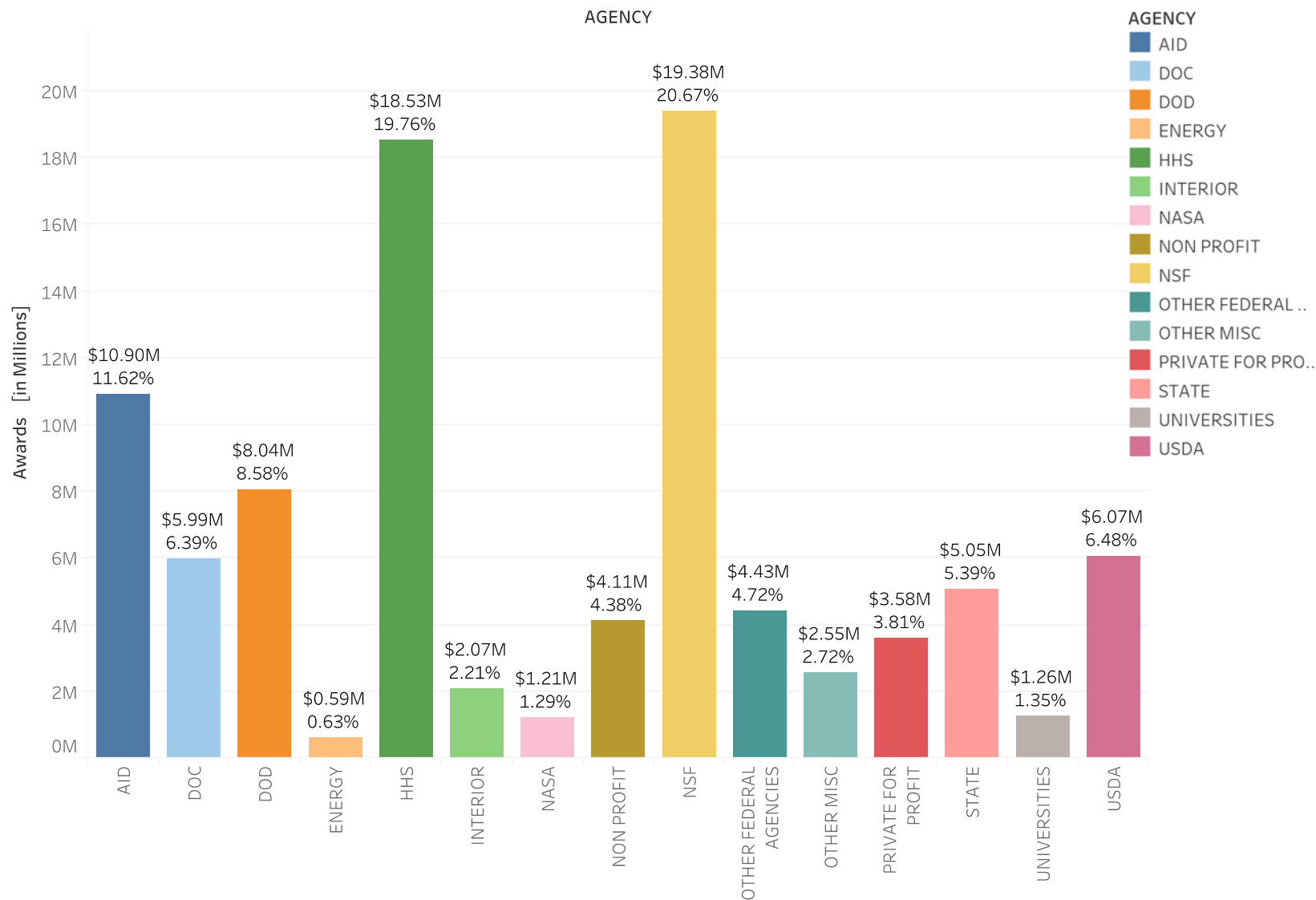
- ARRA Awards
- Awards Non-ARRA



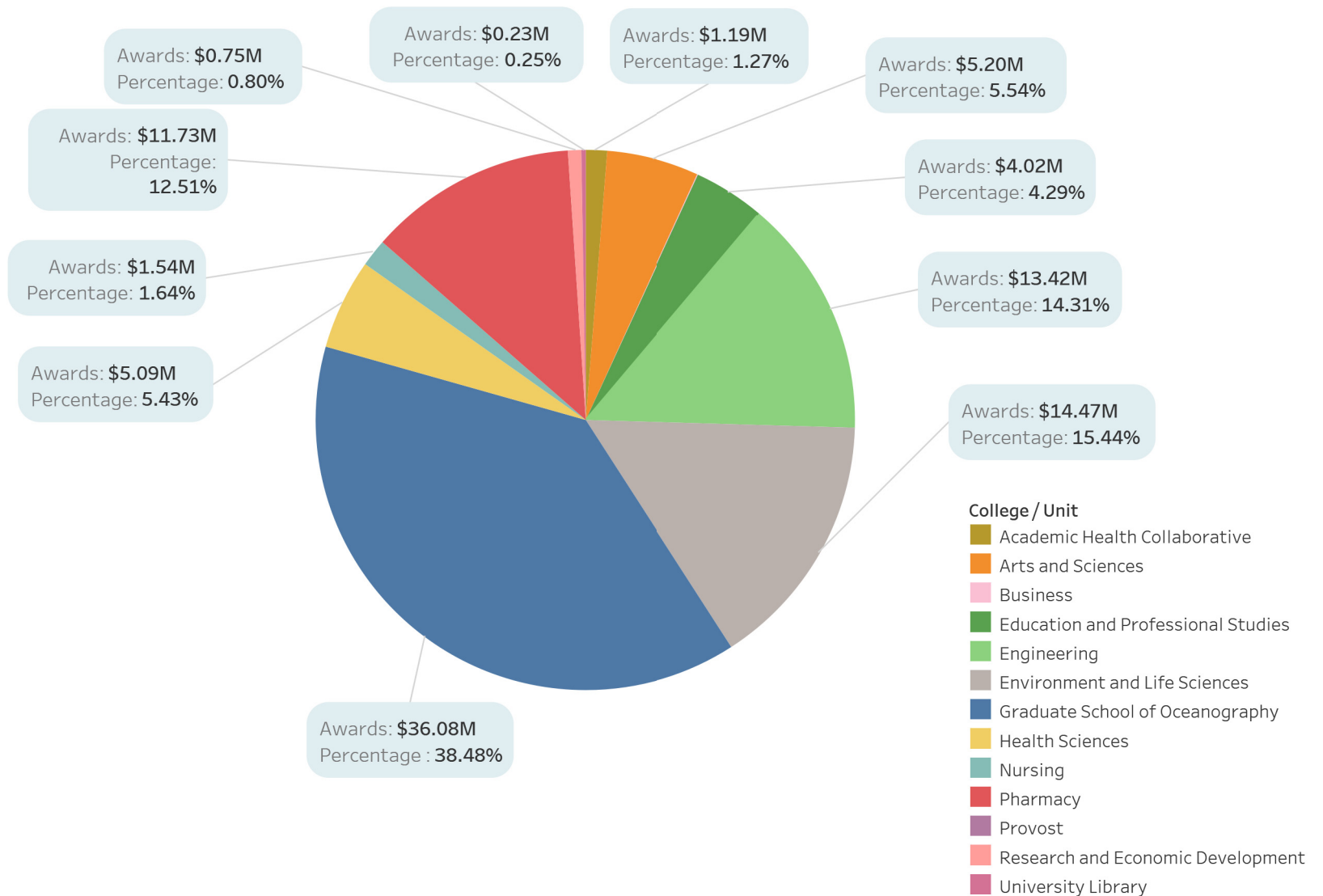
## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT BY AGENCY TYPE FY2019



# AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT BY AGENCY FY2019



# AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT BY COLLEGE FY2019



AWARDS RECEIVED THROUGH  
THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
BY COLLEGE  
FY2019

COLLEGE / UNIT	NUMBER OF AWARDS	AWARDS
Academic Health Collaborative	8.00	\$1,186,552.79
Arts & Sciences	30.46	\$5,197,329.19
Business Administration	0.50	\$50,000.00
Education and Professional Studies	10.79	\$4,019,670.25
Engineering	78.40	\$13,420,368.55
Environment & Life Sciences	101.92	\$14,471,543.52
Health Sciences	38.49	\$5,091,554.91
Nursing	8.20	\$1,535,583.00
Oceanography	132.13	\$36,075,948.63
Pharmacy	50.61	\$11,730,232.51
Research & Economic Development	3.00	\$747,778.00
University Library	7.50	\$229,893.50
<b>GRAND TOTAL</b>	<b>470.00</b>	<b>\$93,756,454.85</b>

AWARDS RECEIVED THROUGH  
THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
BY COLLEGE / UNIT  
FY2010 - FY2019

College/Unit	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019
<b>A&amp;S</b>	\$9,737,386	\$14,719,616	\$13,506,338	\$10,217,827	\$5,711,150	\$9,626,272	\$9,322,029	\$4,796,077	\$3,891,383	\$5,197,329
<b>AHC</b>								\$1,408,569	\$3,686,788	\$1,186,553
<b>BUS</b>	\$43,902	\$108,472	\$26,200	\$30,265	\$12,296	\$255,549	\$367,080	\$0	\$50,000	\$50,000
<b>CEPS</b>	\$0	\$0	\$239,999	\$0	\$199,569	\$148,136	\$118,216	\$415,937	\$739,220	\$4,019,670
<b>EGR</b>	\$8,643,672	\$7,308,044	\$6,004,533	\$5,160,511	\$3,533,343	\$6,367,872	\$8,960,567	\$4,693,118	\$13,823,190	\$13,420,369
<b>ELS</b>	\$16,232,137	\$21,932,033	\$26,590,124	\$18,531,364	\$19,057,963	\$22,061,724	\$17,292,391	\$12,246,361	\$16,691,925	\$14,471,544
<b>GRD</b>	\$51,366	\$133,960	\$0	\$922	\$0	\$0	\$0	\$0	\$0	\$0
<b>GSO</b>	\$32,473,931	\$25,768,864	\$29,987,097	\$28,261,625	\$22,771,219	\$25,356,628	\$31,099,397	\$30,870,365	\$29,678,375	\$36,075,949
<b>HSC</b>								\$4,961,859	\$4,331,678	\$5,091,555
<b>HSS</b>	\$2,970,597	\$2,754,907	\$3,316,524	\$860,634	\$3,523,517	\$2,888,093	\$4,405,284			
<b>LIB</b>	\$3,900	\$0	\$0	\$0	\$0	\$0	\$0	\$1,116,254	\$2,527,168	\$229,894
<b>NUR</b>	\$2,206,996	\$682,049	\$1,996,376	\$1,038,977	\$1,276,970	\$682,403	\$1,807,216	\$1,512,030	\$154,509	\$1,535,583
<b>PHA</b>	\$11,195,695	\$8,875,243	\$10,456,774	\$5,928,532	\$6,843,545	\$10,644,721	\$6,549,688	\$6,356,778	\$14,058,274	\$11,730,233
<b>PRO</b>	\$1,306,675	\$84,642	\$458,078	\$11,025	\$66,523	\$333,666	\$347,328	\$0	\$18,111	\$0
<b>PRS</b>	\$1,354,102	\$2,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>UCL</b>	\$96,550	\$90,840	\$334,918	\$0	\$199,569	\$0	\$188,216	\$0	\$0	\$0
<b>VPA</b>	\$12,525,282	\$2,093,978	\$1,847,788	\$486,100	\$977,658	\$692,452	\$1,044,240	\$24,923	\$0	\$0
<b>VPR</b>	\$2,512,500	\$8,072,900	\$0	\$6,000,000	\$4,177,836	\$5,101,697	\$650,000	\$1,842,633	\$1,352,124	\$747,778
<b>VPS</b>	\$151,423	\$26,995	\$239,999	\$0	\$261,092	\$267,287	\$124,216	\$0	\$0	\$0
<b>GRAND TOTAL</b>	<b>\$101,506,113</b>	<b>\$92,655,442</b>	<b>\$95,004,749</b>	<b>\$76,527,782</b>	<b>\$68,612,249</b>	<b>\$84,426,501</b>	<b>\$82,275,866</b>	<b>\$70,244,903</b>	<b>\$91,002,744</b>	<b>\$93,756,455</b>



AWARDS RECEIVED THROUGH  
THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
BY DEPARTMENT  
FY2019

College / Unit	Department	Awards	Count
<b>ACADEMIC HEALTH COLLABORATIVE</b>	IIHI ADMINISTRATION	\$1,186,553	8.00
	Total	<b>\$1,186,553</b>	<b>8.00</b>
<b>COLLEGE OF ARTS AND SCIENCES</b>	CHEMISTRY	\$2,982,149	17.83
	COMPUTER SCIENCE/STATISTICS	\$173,476	2.38
	DEAN'S OFFICE	\$3,500	1.00
	FEINSTEIN HUNGER CENTER	\$739,543	2.00
	LANGUAGES	\$776,067	3.00
	PHYSICS	\$493,188	4.00
	SOCIOLOGY/ANTHROPOLOGY	\$29,407	0.25
	Total	<b>\$5,197,329</b>	<b>30.46</b>
<b>COLLEGE OF BUSINESS ADMINISTRATION</b>	DEAN'S OFFICE	\$50,000	0.50
	Total	<b>\$50,000</b>	<b>0.50</b>
<b>COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES</b>	BIOTECHNOLOGY MANUFACTURING PROVIDENCE COHORT	\$84,059	2.00
	CEPS STRATEGIC INITIATIVES	\$237,256	4.00
	DEAN CEPS	\$296,879	1.00
	EDUCATION	\$2,888,777	3.27
	EDUCATION AND SOCIAL POLICY RESEARCH	\$512,699	0.52
	Total	<b>\$4,019,670</b>	<b>10.79</b>

Awards and Count broken down by College / Unit and Department.

AWARDS RECEIVED THROUGH  
THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
BY DEPARTMENT  
FY2019

College / Unit	Department	Awards	Count
<b>COLLEGE OF ENGINEERING</b>	CHEMICAL ENGINEERING	\$4,424,797	10.69
	CIVIL/ENVIRONMENTAL ENGINEERING	\$1,038,571	9.69
	DEAN'S OFFICE	\$1,650,585	4.00
	ELECTRICAL ENGINEERING	\$1,164,917	13.64
	MECHANICAL AND INDUSTRIAL SYSTEMS ENGINEERING	\$2,653,043	22.17
	OCEAN ENGINEERING	\$2,488,455	18.20
	Total	<b>\$13,420,369</b>	<b>78.39</b>
<b>COLLEGE OF HEALTH SCIENCES</b>	CANCER PREVENTION RESEARCH CENTER	\$593,941	11.24
	COMMUNICATIVE DISORDERS	\$1,500	1.00
	GERONTOLOGY	\$487,500	1.30
	HEALTH STUDIES	\$72,900	1.80
	HUMAN DEVELOPMENT AND FAMILY STUDIES	\$113,234	2.30
	KINESIOLOGY	\$113,098	3.00
	NUTRITION AND FOOD SCIENCE	\$2,250,694	9.75
	PHYSICAL THERAPY	\$683,329	3.10
	PSYCHOLOGY	\$775,359	5.00
	Total	<b>\$5,091,555</b>	<b>38.49</b>
<b>COLLEGE OF NURSING</b>	NURSING INSTRUCTION	\$1,535,583	8.20

Awards and Count broken down by College / Unit and Department.

AWARDS RECEIVED THROUGH  
THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
BY DEPARTMENT  
FY2019

College / Unit	Department	Awards	Count
<b>COLLEGE OF NURSING</b>	Total	<b>\$1,535,583</b>	<b>8.20</b>
<b>COLLEGE OF PHARMACY</b>	BIOMEDICAL AND PHARMACEUTICAL SCIENCES	\$9,988,276	34.31
	CRIME LAB	\$61,191	1.00
	PHARMACY PRACTICE	\$1,624,362	14.30
	RYAN INSTITUTE FOR NEUROSCIENCE	\$56,404	1.00
	Total	<b>\$11,730,233</b>	<b>50.61</b>
<b>COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES</b>	BIOLOGICAL SCIENCES	\$78,877	0.08
	CELL AND MOLECULAR BIOLOGY	\$60,697	1.00
	CELS ACADEMIC UNIT 1	\$2,966,599	33.63
	CELS ACADEMIC UNIT 2	\$3,735,446	36.13
	CELS ACADEMIC UNIT 3	\$4,363,950	20.84
	CELS DEAN ADMINISTRATION	\$18,000	2.00
	COMMUNITY PLANNING/AREA DEVELOPMENT	\$3,749	0.04
	DEAN'S OFFICE	\$2,981,137	6.20
	PLANT SCIENCE	\$263,090	2.00
	Total	<b>\$14,471,544</b>	<b>101.92</b>
<b>GRADUATE SCHOOL OF OCEANOGRAPHY</b>	COASTAL INSTITUTE	\$163,465	1.18
	COASTAL RESOURCES CENTER	\$11,793,865	20.35

Awards and Count broken down by College / Unit and Department.

AWARDS RECEIVED THROUGH  
THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
BY DEPARTMENT  
FY2019

College / Unit	Department	Awards	Count
<b>GRADUATE SCHOOL OF OCEANOGRAPHY</b>	FACILITIES MANAGEMENT	\$2,418,005	2.20
	FACULTY	\$14,414,622	93.20
	MARINE OFFICE	\$3,830,865	7.20
	SEA GRANT	\$3,455,127	8.00
	Total	<b>\$36,075,949</b>	<b>132.13</b>
<b>UNIVERISTY LIBRARY</b>	DATASPARK	\$229,894	7.50
	Total	<b>\$229,894</b>	<b>7.50</b>
<b>VICE PRESIDENT FOR RESEARCH &amp; ECONOMIC DEVELOPMENT</b>	DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT	\$20,000	1.00
	SMALL BUSINESS DEVELOPMENT CENTER	\$727,778	2.00
	Total	<b>\$747,778</b>	<b>3.00</b>
<b>GRAND TOTAL</b>		<b>\$93,756,455</b>	<b>469.99</b>

Awards and Count broken down by College / Unit and Department.

## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
<b>ACADEMIC HEALTH COLLABORATIVE</b>	IIHI Administration	Bassett,Shayna	Rhode Island College	IIHI - Simulation Data Analysis	\$25,000	\$25,000
		Blissmer,Bryan	Care New England Health System	The INTEGRA Accountable Health Communities Partnership	\$69,044	\$69,044
			Exec.Office of Health and Human Services	IIHI - Infrastructure - DSHP/SA/EOHHS	\$479,701	\$479,701
				IIHI: Ryan White Fund: HIV Excellence in Analytics Team (HEAT)	\$112,538	\$112,538
			State of Rhode Island	State Innovation Model (SIM) Test Grant Evaluation	\$414,872	\$414,872
		Blissmer,Bryan J	CODAC Behavioral Healthcare	IIHI - CODAC Rhode to Health MOU	\$85,398	\$85,398
	Total					<b>\$1,186,553</b>
<b>COLLEGE OF ARTS AND SCIENCES</b>	Chemistry	Deboef,Brenton L	RI Commerce Corporation	Synthesis of Chemical Probes for Alcinous Pharmaceuticals	\$50,000	\$50,000
		Dwyer,Jason R	National Science Foundation	Gauging and Optimizing Solid-State Nanopore Sensing Performance for Polysaccharide Sensing and Glycomics	\$317,800	\$317,800
			RI Science and Technology Advisory Council	Engineering Reliable and Affordable Tools for Environmentally-Economically-Driven Aquatic Monitoring	\$80,000	\$80,000
		Euler,William	Rhodes Pharmaceuticals	Sensor Development and Calibration	\$40,000	\$40,000



# AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF ARTS AND SCIENCES	Chemistry	Hayes,Dugan	National Science Foundation	Time-Resolved Mossbauer Spectroscopy: A New Tool for Investigation Ultrafast Dynamics in Solid-State Photocatalytic and P..	\$148,739	\$148,739
			Rhode Island College	Time-Resolved Mossbauer Spectroscopy: A New Tool for Investigating Ultrafast Dynamics in Solid-State Photocatalytic and P..	\$160,200	\$160,200
		Lucht,Brett	Electro Standards Laboratories	Tradeoff in Chemistry of Lithium Ion Battery for Energy/Power with External Lithium Ion Super Capacitor	\$152,627	\$76,314
			Gotion	Development of Electrolytes for Silicon Containing Anodes for Lithium Ion Batteries	\$30,000	\$30,000
				Development of Electrolytes for Use in LNMO/LTO Batteries for 48 V Applications	\$795,992	\$795,992
			LiBama LLC	Development of Electrolytes for Microstructured Anodes for Lithium Batteries	\$45,000	\$45,000
		Lucht,Brett L	BASF Chemical Company	Development of Electrolytes for Lithium Ion Batteries	\$133,716	\$133,716
		Oxley,Jimmie	Applied Research Associates	Support of ARA Explosive Detection	\$70,981	\$35,490
			Dstl Commercial Services	Research and Development into Pyrotechnics Against Threat Hazards (PATH)	\$167,820	\$83,910
			Government of Israel - Ministry of Defen	Investigation of Proposed High-Energy Density Nitrogen Compound	\$75,000	\$37,500
			United States Army	Controlled Destruction of Explosives	\$60,000	\$30,000

## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF ARTS AND SCIENCES	Chemistry	Oxley, Jimmie	United States Army	Workshop on Material Modification	\$20,030	\$10,015
			URI Research Foundation	Energetic Effects for MEDUSA Platform	\$81,481	\$40,741
		Oxley, Jimmie C	Northeastern University	AWARENESS AND LOCALIZATION OF EXPLOSIVES-RELATED THREATS (ALERT)	\$620,000	\$620,000
		Pradhanang, Soni	US Geological Survey	2019 Water Resource Grant	\$92,335	\$7,202
		Smith, James	Applied Research Associates	Support of ARA Explosive Detection	\$70,981	\$35,490
			Dstl Commercial Services	Research and Development into Pyrotechnics Against Threat Hazards (PATH)	\$167,820	\$83,910
			Government of Israel - Ministry of Defen	Investigation of Proposed High-Energy Density Nitrogen Compound	\$75,000	\$37,500
			United States Army	Controlled Destruction of Explosives	\$60,000	\$30,000
				Workshop on Material Modification	\$20,030	\$10,015
			URI Research Foundation	Energetic Effects for MEDUSA Platform	\$81,481	\$40,741
		Yang, Sze	University of Maine	University Transportation Center Regional 1	\$187,447	\$1,874

## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF ARTS AND SCIENCES	Computer Science	Alvarez Vega,Marco A	NNLM,New England	Increasing Critical Thinking-Related to Sustainable Eating Behavior Choices in College Students	\$9,875	\$2,469
		Daniels,Noah	RI Commerce Corporation	Development of a Sea Floor Object Recognition System	\$49,420	\$49,420
		Fay-Wolfe,Victor	National Science Foundation	Computing in Elementary School: An Exploration of Computational Thinking Approaches and Concepts Across Disciplines	\$449,383	\$22,469
				ESP URI Robert Noyce Teacher Scholarship Program	\$985,960	\$78,877
		Puggioni,Gavino	Brown University	RI Center for Clinical and Translational Research	\$20,241	\$20,241
	Dean Arts & Sciences	West-Puckett,Stepha..	National Writing Project	Science in the Park	\$3,500	\$3,500
	Feinstein Hunger Center	Gorman,Kathleen	RI Dept of Human Services	SNAP Outreach Project 2018	\$151,045	\$151,045
				SNAP Outreach Project 2019	\$588,498	\$588,498
	Languages	He,Wayne Wenchao	Institute for International Education	Chinese Flagship Program 2018-2018 - Student Support	\$9,145	\$9,145
				Chinese Flagship Program 201802019 budget	\$564,422	\$564,422
				Flagship Student Support Year 4	\$202,500	\$202,500

# AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
<b>COLLEGE OF ARTS AND SCIENCES</b>	Physics	Andreev,Oleg	Yale University	Mechanism and Uses of Transmembrane Helix Insertion by Soluble Peptides	\$239,663	\$119,832
		Ganikhanov,Feruz	US Air Force Office of Scientific Resea	Time-Domain Investigation of Phonon Decay and Phonon-Plasmon Mode Properties in Wide Bandgap Semiconductors and Semiconductin..	\$211,645	\$211,645
		Reshetnyak,Yana	URI Research Foundation	Biophysical Measurements of pHLIP-Cargo Interaction with Lipid Bilayer of Membrane	\$41,880	\$41,880
			Yale University	Mechanism and Uses of Transmembrane Helix Insertion by Soluble Peptides	\$239,663	\$119,832
	Sociology & Anthropology	Garcia-Quijano,Carlos	Mars Incorporated	Phase II & III Bontosua Coral Restoration Study	\$117,629	\$29,407
	Total					<b>\$5,197,329</b>
<b>COLLEGE OF BUSINESS ADMINISTRATION</b>	Dean-Coll-Bus	Atlas,Stephen	Foundation for Food & Agriculture Resear	IIHI - Targeted Incentives, Food Purchases and Health Outcomes	\$100,000	\$50,000
	Total					<b>\$50,000</b>
<b>COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES</b>	Biotech Mfg Providence Cohort	Bozzi,Edward	Education Development Center, Inc.	RI Amgen Biotechnology Experience	\$84,059	\$84,059
	CEPS Strategic Initiatives	Mathews,Deborah	RI Dept of Human Services	RI Dept. of Human Services (DHS) Consult & Training Initiative SEE AWD07050, AWD07051, AWD07078 (1 PO)	\$10,208	\$10,208
				RI Dept. of Human Services (DHS) Consult & Training Initiative SEE AWD07050, AWD07051, AWD07079 (1 PO)	\$42,408	\$42,408

# AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES	CEPS Strategic Initiatives	Mathews,Deborah	RI Dept of Human Services	RI Dept. of Human Services (DHS) Consult and Training Initiative SEE AWD07050, AWD07078, AWD07079 (1 PO)	\$62,061	\$62,061
				RI Dept. of Human Services (DHS) Consult and Training Initiative SEE AWD07078, AWD07051, AWD07079 (! PO)	\$122,579	\$122,579
	Dean CEPS	Brand,Susan T	PBS	Mixed Methods Approach to Investigating Science Knowledge, Skills, and Perceptions of preschoolers Who Engage with Multimodal R..	\$296,879	\$37,110
		Murray,Kayon K	PBS	Mixed Methods Approach to Investigating Science Knowledge, Skills, and Perceptions of preschoolers Who Engage with Multimodal R..	\$296,879	\$37,110
		Sweetman,Sara B	PBS	Mixed Methods Approach to Investigating Science Knowledge, Skills, and Perceptions of preschoolers Who Engage with Multimodal R..	\$296,879	\$222,659
	Education & Social Policy Res	Seitsinger,Anne	National Science Foundation	ESP URI Robert Noyce Teacher Scholarship Program	\$985,960	\$512,699
	School of Education	Brand,Susan	Jumpstart for Young Children, Inc.	Jumpstart 2019	\$28,944	\$14,472
		Byrd,David M	Jumpstart for Young Children, Inc.	Jumpstart 2019	\$28,944	\$14,472
		De Groot,Cornelis	National Science Foundation	ESP URI Robert Noyce Teacher Scholarship Program	\$985,960	\$78,877
		Deeney,Theresa	National Science Foundation	ESP URI Robert Noyce Teacher Scholarship Program	\$985,960	\$78,877
		Fogleman Jr,Jay	National Science Foundation	Computing in Elementary School: An Exploration of Computational Thinking Approaches and Concepts Across Disciplines	\$449,383	\$22,469

# AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
<b>COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES</b>	School of Education	Fogleman Jr, Jay	National Science Foundation	ESP URI Robert Noyce Teacher Scholarship Program	\$985,960	\$78,877
		Peno, Kathleen	National Science Foundation	ESP URI Robert Noyce Teacher Scholarship Program	\$985,960	\$78,877
		Sweetman, Sara	Gems-Net Districts	GEMS NET Professional Development Project (Guiding Education in Math/Science NET)	\$2,117,412	\$2,117,412
		Sweetman, Sara	National Science Foundation	Computing in Elementary School: An Exploration of Computational Thinking Approaches and Concepts Across Disciplines	\$449,383	\$404,445
	Total					<b>\$4,019,670</b>
<b>COLLEGE OF ENGINEERING</b>	Chemical Engineering	Bothun, Geoffrey	National Institute of Health	CI - STEEP - Sources, Transport, Exposure and Effects of Perfluoroalkyl Substances	\$1,697,414	\$198,597
			National Science Foundation	MRI: Acquisition of a Confocal High Content Screening System to Enhance Bioengineering, and Biomedical Research	\$893,169	\$89,317
				Remotely Activated Biomaterial Scaffolds for Flexibly Directing the Recruitment and Differentiation of Bone Progenitor Cells	\$50,000	\$12,500
				RII Track-1: Enhancing Rhode Island's Coastal Environment to Enable Growth in a Blue Economy	\$4,033,113	\$3,024,835
			RI Science and Technology Advisory Council	EPSCoR: RII Track 1: STAC match	\$380,000	\$380,000
			University of Maryland	Molecular Engineering of Food-Grade Dispersants as Highly Efficient and Safe Products for the Treatment of Oil Spills	\$144,184	\$144,184

## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF ENGINEERING	Chemical Engineering	Craver,Vinka	National Science Foundation	Sustainable Nanotechnology Conference 2018	\$34,940	\$34,940
		Greenfield,Michael	University of Maine	University Transportation Center Regional 1	\$187,447	\$3,749
		Gregory,Otto	ENrG, Inc	Ultra Thin Self Powered Sensors for UAV Applications	\$194,011	\$194,011
			Greene Tweed & Co., Inc.	RIFID for Bolt Identification with Sensing Capability	\$118,000	\$40,120
			Pratt & Whitney	Evaluation of High Temperature Sensors for SiC-SiC Ceramic Matrix Composites	\$50,000	\$50,000
				Evaluation of High Temperature Sensors for SiCSiC Ceramic Matrix Composites	\$120,000	\$120,000
		Meenach,Samantha	National Science Foundation	MRI: Acquisition of a Confocal High Content Screening System to Enhance Bioengineering, and Biomedical Research	\$893,169	\$62,522
		Rivero-Hudec,Merced..	Brown University	Critical Habits on Earth and Mars: Acid Drainage from Mafic Rock Weathering	\$15,000	\$7,500
	Civil and Environmental Engine	Roxbury,Daniel	National Science Foundation	MRI: Acquisition of a Confocal High Content Screening System to Enhance Bioengineering, and Biomedical Research	\$893,169	\$62,522
		Akanda,Ali	The Woodard & Curran Foundation	Designing Sustainable Water Systems for Climate Change: A Case Study in Rural Dominican Republic	\$33,334	\$16,667
		Bradshaw,Aaron S.	Norwegian Geotechnical Institute	Additional Model Testing of Cyclic Axial Loading on Piles for Jacket Foundations	\$60,880	\$30,440



## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF ENGINEERING	Civil and Environmental Engine	Bradshaw, Aaron S.	RI Coastal Res Mgt. Council	Block Island Structural Monitoring Program	\$597,852	\$197,291
			TRITON Systems, Inc.	Geotechnical Research for the Development of the HAGIS Anchoring System	\$32,000	\$32,000
		Craver, Vinka	National Science Foundation	MRI: Acquisition of a Confocal High Content Screening System to Enhance Bioengineering, and Biomedical Research	\$893,169	\$357,268
			The Woodard & Curran Foundation	Designing Sustainable Water Systems for Climate Change: A Case Study in Rural Dominican Republic	\$33,334	\$16,667
		Goodwill, Joseph	Saint Francis University	Evaluation of Johnstown Inclined Plain Acid Mine Drainage Co-Treatment	\$26,261	\$26,261
			US Geological Survey	2019 Water Resource Grant	\$92,335	\$21,791
		Hunter, Christopher	University of Maine	University Transportation Center Regional 1	\$187,447	\$13,121
			US Geological Survey	2019 Water Resource Grant	\$92,335	\$8,310
		Lee, Kang-Won	University of Maine	University Transportation Center Regional 1	\$187,447	\$161,204
		Thiem, Leon	US Geological Survey	2019 Water Resource Grant	\$92,335	\$40,627
		Thomas, Natacha	University of Maine	University Transportation Center Regional 1	\$187,447	\$3,749

# AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF ENGINEERING	Civil and Environmental Engine	Tsiatas,George	US of Office of Naval Research	Deformation and Failure Mechanics of Inflated Drop Stitch Fabric Panels	\$226,349	\$113,175
	Dean Engineering	He,Haibo	National Science Foundation	Collab. Research: Autonomous Hierarchical Adaptive Dynamic Programming for Decision Making in Complex Environment	\$222,703	\$222,703
			US of Office of Naval Research	Toward a Reliable and Resilient Smart Grid: From Early Detection to Grid Behavior Analysis	\$1,397,882	\$838,729
		Sun,Yan	US of Office of Naval Research	Toward a Reliable and Resilient Smart Grid: From Early Detection to Grid Behavior Analysis	\$1,397,882	\$559,153
			University of Connecticut STORRS	Northeast LSAMP Senior Alliance: 2016-2021	\$30,000	\$30,000
	Elec, Computer & Bio Engr	Besio,Walter	National Science Foundation	Collab. Research: Developing Underwater EEG Electrodes for Octopus Research	\$100,000	\$100,000
		Fischer,Godi	Greene Tweed & Co., Inc.	RIFID for Bolt Identification with Sensing Capability	\$118,000	\$38,940
			RI Commerce Corporation	A High-Resolution Data Acquisition System for Brain Imaging Applications	\$49,989	\$49,989
		Kennedy,Stephen	National Science Foundation	MRI: Acquisition of a Confocal High Content Screening System to Enhance Bioengineering, and Biomedical Research	\$893,169	\$62,522
				Remoately Activated Biomaterial Scaffolds for Flexibly Directig the Recruitment and Differentiation of Bone Progenitor Cells	\$50,000	\$37,500
		Li,Bin	National Science Foundation	NeTS: Small: Collab. Research: Towards Adaptive and Efficient Wireless Computing Network	\$250,000	\$250,000

## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF ENGINEERING	Elec, Computer & Bio Engr	Mankodiya, Kunal	National Science Foundation	CAREER:CPS Internet of Wearable E-Textiles for Telemedicine	\$124,822	\$124,822
			RI Commerce Corporation	A Smart Textile RFID Technology for Smart Cities	\$50,000	\$50,000
				Collision Avoidance Apparel and Accessories	\$50,000	\$50,000
		Sarma, Ashwin	US of Office of Naval Research	NIUVT: 2019 Underwater Acoustic Signal Processing Workshop	\$8,000	\$6,000
		Vaccaro, Richard	Electro Standards Laboratories	Tradeoff in Chemistry of Lithium Ion Battery for Energy/Power with External Lithium Ion Super Capacitor	\$152,627	\$76,314
			US of Office of Naval Research	NIUVT: 2019 Underwater Acoustic Signal Processing Workshop	\$8,000	\$2,000
		Wei, Tao	Greene Tweed & Co., Inc.	RIFID for Bolt Identification with Sensing Capability	\$118,000	\$38,940
			RI Commerce Corporation	Precision Measurement Using High Frequency Radars for Metal Industry	\$50,000	\$50,000
			URI Research Foundation	Simulation Measurements and Analysis Testing of PCIe SSD Cards	\$78,196	\$78,196
			US of Office of Naval Research	ONR YIP: Sub-Terahertz-Range-Interrogated Fiber-Optic Devices for High-Speed Distributed Sensing Applications	\$149,695	\$149,695
	Mech., Ind., Sys. Engineering	Jouaneh, Musa	RI Commerce_Corporation	Automation of a Brick Joining Process	\$50,000	\$50,000

## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF ENGINEERING	Mech., Ind., Sys. Engineering	Macht,Gretchen	State of RI Board of Elections	Rhode Island Voter OperaTions and Election Systems (VOTES)	\$23,788	\$23,788
		Nassersharif,Bahram	Triad National Security, LLC	Design for Safeguards	\$18,420	\$18,420
				Nuclear Fuel Handling	\$7,675	\$7,675
		Shukla,Arun	Naval Undersea Warfare Center	Arctic and Low Temperature Effects on the Mechanical, Fracture, and Acoustic Behaviors of Thermoset Fiber Reinforced Plastic (FRP) ..	\$15,000	\$15,000
				NIUVT - Performance of Elastomeric Coatings and Coated Structures Subjected to Long Term Seawater Submersion, UV Radiation, a..	\$96,249	\$96,249
			University of Connecticut STORRS	NIUVT: Accelerating Innovation in Under Water Vehicles Technology	\$1,037,746	\$1,037,746
				Southeast New England Naval STEM Coalition: Advancing the Navy's STEM Education and Workforce Capabilities	\$214,772	\$70,875
			US of Office of Naval Research	Effects of Combined Depth Pressure and Long Term Seawater Immersion on Structural Integrity of Composite Vehicles	\$70,000	\$70,000
				Implosion of Advanced Composite Structures Within Complex Underwater Environments	\$125,000	\$125,000
		Taggart,David	GENERAL DYNAMICS ELECTRIC BOAT	Engineering Internship Program	\$433,800	\$433,800
			University of Connecticut STORRS	Southeast New England Naval STEM Coalition: Advancing the Navy's STEM Education and Workforce Capabilities	\$214,772	\$73,022

## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF ENGINEERING	Mech., Ind., Sys. Engineering	Taggart,David	US of Office of Naval Research	Deformation and Failure Mechanics of Inflated Drop Stitch Fabric Panels	\$226,349	\$113,175
		Zheng,Yi	Brown University	Novel Metamaterials for Infrared Energy Harvesting and Radiative Cooling	\$15,000	\$15,000
			National Science Foundation	CAREER: Investigation of Nannoscale Radiative Heat Transfer to Enhanced Thermal Infrared Energy Conversation and Cooling	\$503,293	\$503,293
	Ocean Engineering	Baxter,Christopher	Norwegian Geotechnical Institute	Additional Model Testing of Cyclic Axial Loading on Piles for Jacket Foundations	\$60,880	\$30,440
			RI Coastal Res Mgt.Council	Block Island Structural Monitoring Program	\$597,852	\$203,270
		Dahl,Jason	Creare LLC	Estimation of Sea State Based on Measured ship Response	\$24,233	\$8,239
			US of Office of Naval Research	Integrated Experiments and Simulation for Hydrodynamic Control and Detection	\$50,000	\$50,000
		Grilli,Annette	Creare LLC	Estimation of Sea State Based on Measured ship Response	\$24,233	\$7,997
			RI Coastal Res Mgt.Council	Stormtool Risk and Damage Assessment APP	\$199,900	\$199,900
		Grilli,Stephan	Creare LLC	Estimation of Sea State Based on Measured ship Response	\$24,233	\$7,997
			NESEC	United States East Coast Tsunami Hazard Mitigation Program	\$80,082	\$80,082

## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF ENGINEERING	Ocean Engineering	Hashemi,S. M. Reza	Restore Amercia's Estuaries	An Integrated Observational and Modeling Approach to Estimation of the Groundwater Contribution to the Water and Nutrient Bud..	\$474,633	\$47,463
			RI Coastal Res Mgt.Council	CI - HUD V BEACH SAMP	\$79,060	\$39,530
		Hu,Sau-Lon	RI Coastal Res Mgt.Council	Block Island Structural Monitoring Program	\$597,852	\$197,291
		Licht,Stephen	Electro Standards Laboratories	UUV Battery Management for Energy Efficient Depth Control and Station Keeping	\$49,625	\$49,625
			NAVSEA	Control of Autonomous Underwater Vehicles in Stratified Fluids and Near Surface Operations	\$80,000	\$80,000
			US Dept of Commerce NOAA	Advances in Deep Sea Sampling with Soft Robotics	\$91,020	\$45,510
		Miller,James	HDR / e2M	Acoustic Monitoring of the Maryland and Virginia Offshore Wind Farms	\$22,525	\$11,262
				Supplement 2 : Underwater Acoustic Data Analysis and Measurements for the Block Island Wind Farm Construction and Operation	\$10,941	\$547
			RI Dept of Environ Magt	Passive acoustic tracking of tagged sturgeon in Narragansett Bay	\$155,333	\$77,667
			University of Connecticut STORRS	Southeast New England Naval STEM Coalition: Advancing the Navy's STEM Education and Workforce Capabilities	\$214,772	\$70,875
		Miller,James H	Normandeau and Associates	Detection and Classification of Acoustic Signals	\$78,420	\$39,210

## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF ENGINEERING	Ocean Engineering	Miller, James H	US of Office of Naval Research	Seismoacoustic Sensor System for Low Frequency Seabed Characterization	\$170,471	\$85,236
		Phillips, Brennan	American Museum of Natural History	Technical Support to Construct an ROV-Mounted Fish Sampler	\$4,269	\$4,269
			US Dept of Commerce NOAA	Advances in Deep Sea Sampling with Soft Robotics	\$91,020	\$45,510
			US of Office of Naval Research	Embedded Deep-Sea Fiber Optic Distributed Temperature Sensing Systems for Long-Term Ocean Observatory and UUV-Based Applicati..	\$292,968	\$292,968
		Potty, Gopu	HDR / e2M	Acoustic Monitoring of the Maryland and Virginia Offshore Wind Farms	\$22,525	\$11,262
				Supplement 2 : Underwater Acoustic Data Analysis and Measurements for the Block Island Wind Farm Construction and Operation	\$10,941	\$547
			Normandeau and Associates	Detection and Classification of Acoustic Signals	\$78,420	\$39,210
			RI Dept of Environ Magt	Passive acoustic tracking of tagged sturgeon in Narragansett Bay	\$155,333	\$77,667
			US of Office of Naval Research	Seismoacoustic Sensor System for Low Frequency Seabed Characterization	\$170,471	\$85,236
		Van Uffelen, Lora	HDR / e2M	Seaglider Deployments for Passive Acoustic Monitoring in the Gulf of Mexico	\$289,507	\$289,507
			Undersea Technology Innovation Consortiu	Acoustic Response of Coral Reef Biota to Underwater Vehicle Traffic and Disturbance	\$235,140	\$235,140



# AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
<b>COLLEGE OF ENGINEERING</b>	Ocean Engineering	Van Uffelen,Lora	US of Office of Naval Research	Glider-Based Measurements of Acoustic Tomography Signals:Modeling and Experiment in the Canada Basin and Philippi..	\$75,000	\$75,000
	Total					<b>\$13,420,369</b>
<b>COLLEGE OF HEALTH SCIENCES</b>	Cancer Prevention Res. Ctr	Laforge,Robert	Brown University	Motivational and Contextual Influences on Patterns of Simultaneous Alcohol and Marijuana Use: A Daily Assessment Study	\$83,768	\$83,768
		Paiva,Andrea	VA Connecticut Healthcare System	Promoting Advance Care Planning as a Healthy Behavior	\$30,345	\$30,345
		Prochaska,James O	University of North Carolina - CH	CI - Dept. of Homeland Security Coastal Resilience Center of Excellence Projects	\$224,272	\$53,825
		Redding,Colleen	Yale University	Enhancing Engagement in Advance Care Planning	\$98,338	\$98,338
				Enhancing Engagement in Advance Care Planning - Administrative Supplement	\$68,786	\$68,786
		Redding,Colleen A	VA Connecticut Healthcare System	Promoting Advance Care Planning as a Healthy Behavior	\$38,868	\$38,868
		Spillane,Nichea	Brown University	Positive Psychotherapy for Smoking Cessation Enhanced with Text Messaging: A Randomized Controlled Trial	\$14,027	\$14,027
		Stein,Lynda	Community Care Alliance	Healthy Transitions - Community Care Alliance	\$12,500	\$12,500
			Kent Center	Healthy Transitions - The Kent Center	\$12,500	\$12,500

# AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF HEALTH SCIENCES	Cancer Prevention Res. Ctr	Stein, Lynda	RI Dept of Behavioral Healthcare, Develop	Healthy Transitions - BHDDH	\$124,060	\$124,060
				RI SBIRT	\$43,978	\$43,978
			The Miriam Hospital	Evaluating the Implementation and Impact of a Novel Medication-Assisted Treatment Program in a Unified Jail and Prison System	\$12,946	\$12,946
	Communicative Disorders	Mahler, Leslie	LSVT Global	LSVT Big Exercise Induced Neuroplasticity with Patients with Parkinson's Disease	\$1,500	\$1,500
	Gerontology	Clark, Phillip	US Dep of Health & Human Svcs	RI Geriatrics Workforce Enhancement Program (2)	\$750,000	\$487,500
	Health Studies	Greaney, Mary	Rhode Island College	IIHI - Assessing Health Literacy, and Building Literacy Skills and Cultural Competency in Vulnerable Populations and the Health Care ..	\$26,300	\$26,300
			South County Hospital	Behavioral health assessment	\$13,000	\$9,100
		Greaney, Mary L	US Dep of Health & Human Svcs	RI Geriatrics Workforce Enhancement Program (2)	\$750,000	\$37,500
	Human Development & Family Stu	Mccurdy, Karen	Rhode Island College	Recruitment and Retention of Early Childhood Professionals in Early Intervention Programs	\$71,967	\$71,967
			RI Parent Information Network	Family Outcomes Survey	\$37,367	\$37,367
			South County Hospital	Behavioral health assessment	\$13,000	\$3,900

## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF HEALTH SCIENCES	Kinesiology	Adami,Alessandra	American Thoracic Society	IIHI - Determinants of 5-year Progression of Muscle Dysfunction and Inactivity in COPD Patients	\$20,000	\$20,000
		Bohlen,Lauren	Brown University	IIHI - Improving Dissemination of Technology-Delivered Physical Activity Interventions	\$43,189	\$43,189
		Earp,Jacob	Solid State Cooling Systems, Inc.	The Effects of Contrast Therapy on Exercise Recovery	\$49,909	\$49,909
	Nutrition & Food Sciences	Amin,Sarah	RI Dept of Human Services	IIHI - RI SNAP Ed	\$1,310,928	\$655,464
		Balestracci,Kate	RI Department of Education	Child & Adult Care Food Training Coordinator	\$85,099	\$85,099
			RI Dept of Human Services	IIHI - RI SNAP Ed	\$1,310,928	\$655,464
		English,Catherine	RI Department of Corrections	IIHI - URI Dept. of Corrections Nutrition Education Proposal	\$92,322	\$92,322
		Greene,Geoffrey	NNLM,New England	Increasing Critical Thinking-Related to Sustainable Eating Behavior Choices in College Students	\$9,875	\$2,469
		Kirby,John	US Department of Agriculture	2019 EFNEP	\$161,618	\$161,618
		Tovar,Alison	Brown University	Improving Nutrition and Physical Activity Environments In Home -Based Child Care	\$38,766	\$38,766
				Improving nutrition and physical activity supplement for student	\$16,051	\$16,051

## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF HEALTH SCIENCES	Nutrition & Food Sciences	Tovar,Alison	National Institute of Health	IIHI - A Home Based Video and Motivational Intervention to Improve Preschoolers Diet Quality and Parental Food Parenting Practices	\$493,441	\$493,441
		Vadiveloo,Maya	Foundation for Food & Agriculture Resear	IIHI - Targeted Incentives, Food Purchases and Health Outcomes	\$100,000	\$50,000
	Physical Therapy	Hulme,Janice	RI Dept of Behavioral Healthcare,Develop	BDDH/URI Collaborative Agreement for RICLAS PT Services	\$125,198	\$125,198
		Hulme,Janice B	US Dep of Health & Human Srvcs	RI Geriatrics Workforce Enhancement Program (2)	\$750,000	\$37,500
		Roush,Susan	National Institute of Health	RIDDC FFY 2017	\$13,145	\$13,145
			US Dep of Health & Human Srvcs	RI Developmental Disabilities Council	\$507,486	\$507,486
	Psychology	Flannery-Schroeder,El..	US Dep of Health & Human Srvcs	IIHI - COR Project in Washington County, RI	\$15,000	\$15,000
		Skierkowski,Dorothy	RI Dept of Behavioral Healthcare,Develop	IIHI - Local-Level Evaluation of Rhode Island Partnerships for Success-2018 (RI PFS-2018) Initiative	\$156,913	\$156,913
		Stein,Lynda	Newport County CHMC,Inc	IIHI - Rhode Island Certified Community Behavioral Health Clinic (CCBHC) Expansion	\$300,000	\$300,000
		Weiss,Nicole H	National Institute of Health	IIHI - PTSD, Negative and Positive Emotion Dysfunction and Substance USE in IPV Victims	\$303,446	\$303,446
Total						\$5,091,555

# AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF NURSING	Nursing Instruction	Burbank,Patricia	R.I. Department of Elderly Affairs	Lifespan Respite Program	\$31,000	\$31,000
		Burbank,Patricia M	US Dep of Health & Human Srvcs	RI Geriatrics Workforce Enhancement Program (2)	\$750,000	\$37,500
		Coppa,Denise	US Dep of Health & Human Srvcs	URI College of Nursing Advanced Nursing Education Workforce (ANEW)	\$649,053	\$649,053
		D’Agata,Amy	Little Giraffe Foundation	Continuing to Explore our Knowledge of Early Life Stress in the NICU	\$776	\$776
		Jennings,Karen	The Rockefeller University	Relationship Among Childhood Parental Loss, Adipokines, Dietary Composition, and Physical Health Status in Adults	\$24,996	\$24,996
		Martins,Diane	US Dep of Health & Human Srvcs	RI Geriatrics Workforce Enhancement Program (2)	\$750,000	\$37,500
		Sullivan,Mary	National Institute of Health	Allostatic Load and Epigenetic Mechanisms in Lifecourse Trajectories of Premature Infantas at Age 30	\$648,382	\$648,382
		Thompson,Marcella	Brown University	Re-Use in Rhode Island: A State-Based Approach to Complex Exposures	\$29,876	\$29,876
		Wolfe,Barbara	Brown University	Southern Rhode Island Area Health Education Center (sriAHEC)	\$76,500	\$76,500
Total						\$1,535,583
COLLEGE OF PHARMACY	Biomedical & Pharm. Sciences	Chen,Xinyuan	US Dep of Health & Human Srvcs	A Novel Adjuvant to Boost Influenza Vaccination	\$410,303	\$410,303

# AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF PHARMACY	Biomedical & Pharm. Sciences	Cho,Bongsup	Celdara Medical, LLC	DRIVEN: Accelerating Medical Entrepreneurship in the Northeast	\$24,644	\$24,644
			National Institute of Health	Arylamine DNA Adduct Recognition in Eukaryotic Nucleotide Excision Repair	\$234,176	\$234,176
				CI - STEEP - Sources, Transport, Exposure and Effects of Perfluoroalkyl Substances	\$1,697,414	\$149,372
				Rhode Island IDeA Network for Excellence in Biomedical Research	\$4,390,500	\$4,390,500
		Ghonem,Nisanne	Brown University	An In Vivo Study of Treprostinil, a Prostacyclin Analog, in the Prevention of Ischemia-Reperfusion Injury to the Kidney	\$122,845	\$122,845
			Rhode Island Hospital	Evaluation of the Preliminary Safety and Efficacy of Treprostinil (Remodulin) in Reducing ischemia-Reperfusion Injury Durin..	\$332,290	\$332,290
		Grammas,Paula	Alzheimer's Drug Discovery Foundation	RYAN - Vascular Activation: A Novel Therapeutic Target for Alzheimer's Disease	\$1,294,881	\$1,294,881
		Quinlan,Katharina	National Institute of Health	RYAN INST - Impairment of Spinal Development in Cerebral Palsy	\$306,320	\$306,320
		Rowley,David	Harvard University	Biocontrol of Early Mortality Syndrome in Farm Raised Shrimp	\$81,515	\$26,900
			US Dept of Commerce NOAA	CI - Probiotics for Bivalve Aquaculture: Commercial Production and Hatchery Implementation	\$300,000	\$99,000
		Seeram,Navindra	URI Research Foundation	Longvida Curcumin Human Pharamcokinetics (PK) Study	\$8,268	\$8,268

## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF PHARMACY	Biomedical & Pharm. Sciences	Seeram,Navindra	US Department of Agriculture	Market Promotion of Maple Syrup and Sap Products	\$499,427	\$499,427
		Shaikh,Zahir	National Institute of Health	RHODE ISLAND IDEa NETWORK FOR BIOMEDICAL RESEARCH EXCELLENCE	\$178,950	\$178,950
		Slitt,Angela	National Institute of Health	CI - STEEP - Sources, Transport, Exposure and Effects of Perfluoroalkyl Substances	\$1,697,414	\$398,892
		Van Nostrand,William	National Institute of Health	Ryan - Modeling Exercise Regiments: Prevention and Amelioration of Amyloid Pathologies and Cognitive Impairment	\$314,675	\$314,675
				RYAN - The Role of Copper in Cerebral Amyloid Angiopathy Year 5	\$383,750	\$383,750
				RyanInst - Understanding the Origins of Amyloid Deposition in Cerebral Amyloid Angiopathy	\$383,750	\$383,750
			The Research Foundation for SUNY	RYAN - Structural Identification and Functional Consequences of Different Amyloid Strains in Alzheimer's Disease	\$303,427	\$303,427
		Zawia,Nasser	National Institute of Health	Novel Analogs for Tauopathies and Their Mode of Action	\$68,342	\$68,342
		Zhang,Yuan	Brown University	Enhance Antitumor Immunity via Modulating Myeloid-Derived Suppressor Cells	\$57,563	\$57,563
	Crime Lab	Hilliard,Dennis C	RI Department of Public Safety	FY2018 Paul Coverdell Crime Laboratory Improvement Program	\$61,191	\$61,191
	Pharmacy Practice	Bratberg,Jeffrey	Boston Medical Center	Intervention to Increase Naloxone Engagement and Distribution in Community Pharmacies" A Four-State Randomized Trial	\$11,170	\$11,170



## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF PHARMACY	Pharmacy Practice	Buchanan,Ashley	Brown University	New Methods to Evaluate the Effects of Opioids in Provider-Based Network	\$76,383	\$76,383
			Yale University	New Methods for the Design and Evaluation of Large HIV Prevention Interventions	\$35,173	\$35,173
		Caffrey,Aisling	Arkansas Children's Research Institute	IIHI - Patient and Stakeholder Alliance for SATB2-Associated Syndrome	\$15,683	\$15,683
		Eisenhower,Christine	US Dep of Health & Human Svcs	RI Geriatrics Workforce Enhancement Program (2)	\$750,000	\$37,500
		Estus,Erica	US Dep of Health & Human Svcs	RI Geriatrics Workforce Enhancement Program (2)	\$750,000	\$37,500
		Hume,Anne	US Dep of Health & Human Svcs	RI Geriatrics Workforce Enhancement Program (2)	\$750,000	\$37,500
		Laplante,Kerry	The Miriam Hospital	COBRE Center for Antimicrobial Resistance and Therapeutic Discovery	\$14,980	\$14,980
		Marcoux,Rita	RI Department of Corrections	Pharmacy Program Oversight/Utilization Review	\$164,985	\$82,492
		Szumita,Lisa	Brown University	Post Hospital Community Pharmacist Medication Therapy Management for Heart Failure	\$5,332	\$5,332
		Szumita,Lisa B	RI Department of Corrections	Pharmacy Program Oversight/Utilization Review	\$164,985	\$82,492
		Taylor,Lynn E	Upstate Affiliation Organization	IIHI - Patient Centered Models of Hepatitis C Care for People Who Inject Drugs (Sponsor changed from Clemson to PCORI due to First ..	\$505,278	\$505,278

## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF PHARMACY	Pharmacy Practice	Temkin,Cynthia	Brown University	The Rhode Island Center for Clinical and Transitional Science	\$208,630	\$208,630
		Vyas,Ami	VERASTEM, INC.	Health Economics of Duvelisib	\$38,757	\$38,757
		Wen,Xuerong	National Institute of Health	Neonatal Neurodevelopment and Maternal Outcomes in Pregnancy with Opioid Exposure	\$435,491	\$435,491
	Ryan Institute Neuroscience	Grammas,Paula	Cure Alzheimer’s Fund	RYAN - Cerebrovascular dysfunction in AD:targeting the mechanisms of vascular activation	\$56,404	\$56,404
	Total					\$11,730,232
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	Biochem-Microb-Molecular Gen.	Rothman,Alan	University of California at Davis	Quantifying Heterogeneities in Dengue Virus Transmission Dynamics	\$60,697	\$60,697
	Biological Sciences	Dewsbury,Bryan M	National Science Foundation	ESP URI Robert Noyce Teacher Scholarship Program	\$985,960	\$78,877
	CELS Academic Unit 1	Alm,Steven	eXtension Foundation	Pesticide Safety Educatin Program for Rhode Island 2019	\$18,800	\$18,800
			N.E. Regional Turfgrass Found	Evaluation of Wildflowers and Trap Nets to Increase Forage and Habitat for Bees Around New England Golf Courses	\$12,500	\$12,500
			National Crop Insurance Services	Risk Management and Crop Insurance Education for Rhode Island Growers 2018-19	\$122,406	\$122,406
			US Golf Association Foundation	Biorational Control of Annual Bluegrass Weevil Adults and Larvae with Petroleum-Derived Spray Oils and Soil Surfac..	\$10,000	\$10,000

## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
<b>COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES</b>	CELS Academic Unit 1	Brown, Rebecca	RI Department of the Attorney General	Reducing Noise Pollution: Laser Scarecrow for Pest Bird Abatement	\$50,000	\$50,000
			West Virginia University	Overcoming Barriers to Transitioning Small Ruminants to Organic Production: Effects of Feeding Birdsfoot Trefoil on Parasite Control..	\$169,089	\$33,818
		Casagrande, Richard	Bureau of Forestry Central Office Direct	Understanding and Exploiting Host Plant Resistance as a Tool for Eastern Hemlock Restoration in PA Forests	\$55,000	\$16,500
		Castro, Kathleen	International Union for Conservation of	CI - Regional Coastal Biodiversity Project	\$281,999	\$70,500
		Faubert, Heather	Cornell University	Northeast Plant Diagnostic Network FY 2016/2018	\$23,560	\$23,560
			University of Vermont	Season Extension with Caterpillar Tunnels on Rhode Island Farms	\$20,500	\$20,500
		Gomez-Chiarri, Marta	Harvard University	Biocontrol of Early Mortality Syndrome in Farm Raised Shrimp	\$81,515	\$26,900
			RI Science and Technology Advisory Council	STAC 2019 Coupling Physical and Ecological Models to Understanding How Climate Drives Disease Outbreaks in Narragansett Bay	\$80,000	\$48,000
			US Department of Agriculture	Leveraging the Eastern Oyster Genome to Facilitate Enhanced Germplasm Improvement	\$48,400	\$48,400
			US Dept of Commerce NOAA	CI - Probiotics for Bivalve Aquaculture: Commercial Production and Hatchery Implementation	\$300,000	\$102,000
		Humphries, Austin	Institut Pertanian Bogor	USAID SHERA - Interdisciplinary Graduate Research and Education in Animal Biotechnology and Coral Reef Fisheries	\$26,465	\$15,879

# AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 1	Humphries, Austin T	Mars Incorporated	Phase II & III Bontosua Coral Restoration Study	\$117,629	\$29,407
			Mississippi State University	CI - URI Fisheries Innovation Lab	\$336,813	\$117,885
				Secure Fish - Improved Nutrition Security in Kenya through Increased Access to Consumption of Coastal Marine Fish	\$15,138	\$15,138
		Mather, Thomas	National Institute of Health	Preventing Lyme Disease Exposure Among Outdoor Workers	\$498,296	\$498,296
			Oxford Immunotec Inc.	Isolation and Amplification of Babesia Strains Using Hamsters	\$15,590	\$15,590
			URI Research Foundation	GoBio: Anti-Tick Vaccine	\$489,147	\$489,147
				Thermacell Field Study: Justifying an Integrated Tick Management Approach	\$32,544	\$32,544
			Western Connecticut State University	Spatially Scalable Integrated Tick Vector/Rodent Reservoir Management to Reduce Human Risk of Exposure to Ixodes Sc..	\$180,450	\$180,450
		Petersson, Katherine	University of Vermont	Building on Success: Expanding Opportunities for Sustainable Management of Small Ruminant gastrointestinal Parasites	\$242,071	\$242,071
			West Virginia University	Overcoming Barriers to Transitioning Small Ruminants to Organic Production: Effects of Feeding Birdsfoot Trefoil on Parasite Control..	\$169,089	\$135,271
		Pivarnik, Lori	RI Dept of Environ Magt	RI Plan to Enhance Produce Safety by Implementing the FDA FSMA Produce Safety Rule	\$67,451	\$67,451

## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
<b>COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES</b>	CELS Academic Unit 1	Radin,Andrew M	RI Commerce Corporation	Growing Gold: Perfection of a Rhode Island Compost-Based Growing Medium for the Southern New England Green Industry Market	\$49,042	\$49,042
		Rice,Michael	Mississippi State University	CI - URI Fisheries Innovation Lab	\$336,813	\$33,681
			University of Maryland	Inventory of Barriers in the Northeast that Limit the Aquaculture Industry	\$8,000	\$8,000
		Stolt,Mark	US Geological Survey	2019 Water Resource Grant	\$92,335	\$7,202
		Taylor PhD,John Robert	US Department of Agriculture	CATCH MSP: A Model for Training Students from Underserved Urban Communities in Sustainable Terrestrial and Aquatic Food Sys..	\$180,000	\$180,000
				Enhancing the Sustainability and Productivity of Urban Agriculture through an Urban-Adapted High Tunnel Production Syst..	\$74,951	\$74,951
		Tewksbury,Elizabeth	University of Connecticut STORRS	Biological Control of the Lily Leaf Beetle (Lilioceris lili)	\$4,000	\$4,000
			US Department of Agriculture	Grape Commodity Survey	\$12,000	\$12,000
				Stone Fruit Commodity Survey	\$19,551	\$19,551
				Will Parasitoids Released for Control of Lilioceris lili, Lily Leaf Beetle, Attack the Air Potato Biological Control Agents	\$5,104	\$5,104
		Tewksbury,Elizabeth A	US Department of Agriculture	Rearing, Release and Monitoring of Hypena Opulenta	\$30,000	\$30,000

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College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 1	Tewksbury,Elizabeth A	US Department of Agriculture	Stone Fruit Survey	\$17,000	\$17,000
			RI State Energy Office	2019 Energy Efficiency Education and Outreach Initiative	\$15,000	\$15,000
				2019 Farm Energy Outreach Fellowship	\$3,055	\$3,055
				2019 RIOER Policy Fellowship	\$5,000	\$5,000
	CELS Academic Unit 2	August,Peter	US Department of Agriculture	CI - Solar Energy Siting Conflicts with Farm and Forest Lands	\$300,000	\$60,000
			McLaughlin Research Corporation	CI - GIS Support Services for the Naval Undersea Warfare (NUWC DIVNPT) Center's Marine Environmental Planning Laboratory (..	\$8,590	\$8,590
				CI - GIS Support Services for the Naval Undersea Warfare (NUWC DIVNPT) Center's Marine Environmental Planning Laboratory (..	\$10,187	\$10,187
				CI - GIS Support Services for the Naval Undersea Warfare Center's Marine Environmental Planning Laboratory (MEP) F..	\$28,771	\$5,754
			RI Coastal Res Mgt.Council	CI - FY 19 Continued Beach Profiling on the Charlestown Barrier Misquamicut Headland and Matunuck Headland, RI	\$10,000	\$2,500
			RI Department of the Attorney General	CI - RI Aerial Photography Project	\$410,000	\$102,500
				CI - RI Salt Marsh Conservation Project	\$425,000	\$72,250

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College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 2	August, Peter	State of Rhode Island	CI - Continuing Enterprise GIS Database Development and Technical Support for the Rhode Island Army National Guard (RIARNG)	\$194,952	\$97,476
			US Dept of Interior	CI - Resource Based Geospatial and Enterprise GIS Support to the NER of the NPS FY15	\$92,070	\$23,018
		Becker, Austin H	US Army Corps of Engineers	CI - Measuring Risk to Inform Resilience: Pilot Study for North Atlantic Medium and High Use Maritime Freight Nodes	\$38,317	\$38,317
		Bonyng, Gregory	AmericaView	CI - StateView Program Development and Operations for the State of Rhode Island	\$23,500	\$7,990
		Boving, Thomas	Strategic Environ Res & Develop Program	Innovative Treatment Approach for Investigation-Derived Waste Polluted with Per- and Polyfluoroalkyl Substance Contami..	\$200,000	\$200,000
			US Geological Survey	2019 Water Resource Grant	\$92,335	\$7,202
		Bradley, Michael	RI Department of the Attorney General	CI - RI Salt Marsh Conservation Project	\$425,000	\$72,250
			RI Dept of Environ Magt	CI - Local Tidal Datum Calculations for Salt Marshes in Support of the RI Wetland Program	\$32,000	\$8,000
		Camberg, Jodi	National Science Foundation	MRI: Acquisition of a Confocal High Content Screening System to Enhance Bioengineering, and Biomedical Research	\$893,169	\$35,727
		Canfield, Katherine	Rhode Island Council for the Humanities	Public Memory, Place, and Belonging: Unearthing the Hidden History of the Native and African American Presence on Block Isla..	\$2,000	\$660
		Cardace, Dawn	Brown University	Biofilm Adhesion on Monovalent and Divalent Metal-Bearing Minerals	\$44,332	\$44,332



## AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 2	Cardace,Dawn	Brown University	Critical Habits on Earth and Mars: Acid Drainage from Mafic Rock Weathering	\$15,000	\$7,500
				Mapping Carbonaceous Matter in Serpentinites: Occurrence and Importance to Astrobiology	\$10,035	\$10,035
			National Science Foundation	MRI: Acquisition of a Confocal High Content Screening System to Enhance Bioengineering, and Biomedical Research	\$893,169	\$35,727
			University of Colorado Boulder	Rock Powered Life: Revealing Mechanisms of Energy Transfer from the Lithosphere to the Biosphere	\$85,000	\$85,000
		Cressman,Jessica A.	US Dept of Interior	CI - Resource Based Geospatial and Enterprise GIS Supplort to the NER of the NPS FY15	\$92,070	\$23,018
		Damon,Christopher P	McLaughlin Research Corporation	CI - GIS Support Services for the Naval Undersea Warfare Center's Marine Environmental Planning Laboratory (MEP) F..	\$28,771	\$5,754
		Duhaime,Roland	US Dept of Interior	CI - Resource Based Geospatial and Enterprise GIS Supplort to the NER of the NPS FY15	\$92,070	\$23,018
		Dutta,Arnob	National Science Foundation	MRI: Acquisition of a Confocal High Content Screening System to Enhance Bioengineering, and Biomedical Research	\$893,169	\$35,727
		Engelhart,Simon	Earthwatch Institute, Inc.	Reconstructing Sea-Level Rise in New England Salt Marshes	\$15,948	\$15,948
			National Science Foundation	Collab. Research: Multi-Proxy Sea-Level Reconstructions and projections in the Middle Pacific Ocean	\$227,095	\$227,095
		Forrester,Graham	International Union for Conservation of	CI - Regional Coastal Biodiversity Project	\$281,999	\$70,500

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College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
<b>COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES</b>	CELS Academic Unit 2	Frazier, Jessica	Rhode Island Council for the Humanities	Public Memory, Place, and Belonging: Unearthing the Hidden History of the Native and African American Presence on Block Isla..	\$2,000	\$680
		Gerber, Brian D	RI Dept of Environ Magt	Population Monitoring of White Tailed Deer in Rhode Island	\$188,589	\$188,589
		Gold, Arthur	McLaughlin Research Corporation	CI - GIS Support Services for the Naval Undersea Warfare Center's Marine Environmental Planning Laboratory (MEP) F..	\$28,771	\$5,754
			RI Department of Health	CI - Municipal Capacity Training and Public Outreach Source Water Protection Project	\$175,000	\$57,750
			RI Dept of Environ Magt	CI - RI Lake and Stream Volunteer-Based Monitoring	\$50,000	\$5,000
			Rural Community Assistance Partnership	CI - Improving Water Quality Through Training and Technical Assistance to Private Well Owners	\$25,995	\$2,600
			State of Rhode Island	CI - Continuing Enterprise GIS Database Development and Technical Support for the Rhode Island Army National Guard (RIARNG)	\$194,952	\$97,476
		Green, Linda	RI Dept of Environ Magt	CI - RI Lake and Stream Volunteer-Based Monitoring	\$50,000	\$22,500
		Guilfoos, Todd	US Department of Agriculture	Does Mental Stress Affect Preferences for Groundwater Management	\$200,000	\$200,000
		Herron, Elizabeth	RI Dept of Environ Magt	CI - RI Lake and Stream Volunteer-Based Monitoring	\$50,000	\$22,500
		Husband, Thomas	Wildlife Management Institute	WMI Service Contract to Support Wildlife Management of New England Cottontail ( <i>Sylvilagus transitionalis</i> )	\$2,160	\$2,160

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College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
<b>COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES</b>	CELS Academic Unit 2	Joubert,Lorraine	RI Department of Health	CI - Municipal Capacity Training and Public Outreach Source Water Protection Project	\$175,000	\$59,500
		Kirby,John	US Department of Agriculture	FY19 RREA	\$46,448	\$46,448
		Labash,Charles	AmericaView	CI - StateView Program Development and Operations for the State of Rhode Island	\$23,500	\$7,755
			McLaughlin Research Corporation	CI - GIS Support Services for the Naval Undersea Warfare Center's Marine Environmental Planning Laboratory (MEP) F..	\$28,771	\$5,754
			RI Coastal Res Mgt.Council	CI - FY 19 Continued Beach Profiling on the Charlestown Barrier Misquamicut Headland and Matunuck Headland, RI	\$10,000	\$2,500
			RI Department of the Attorney General	CI - RI Aerial Photography Project	\$410,000	\$102,500
				CI - RI Salt Marsh Conservation Project	\$425,000	\$63,750
			RI Dept of Environ Magt	CI - Local Tidal Datum Calculations for Salt Marshes in Support of the RI Wetland Program	\$32,000	\$8,000
			US Dept of Interior	CI - Resource Based Geospatial and Enterprise GIS Supplort to the NER of the NPS FY15	\$92,070	\$23,018
		Lang,Corey	US Department of Agriculture	CI - Solar Energy Siting Conflicts with Farm and Forest Lands	\$300,000	\$240,000
		Mandeville,Aimee	RI Department of the Attorney General	CI - RI Aerial Photography Project	\$410,000	\$102,500

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College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 2	Mandeville,Aimee	RI Department of the Attorney General	CI - RI Salt Marsh Conservation Project	\$425,000	\$72,250
		McCann,Alyson	National Institute of Health	CI - STEEP - Sources, Transport, Exposure and Effects of Perfluoroalkyl Substances	\$1,697,414	\$149,372
			RI Department of Health	CI - Municipal Capacity Training and Public Outreach Source Water Protection Project	\$175,000	\$57,750
			Rural Community Assistance Partnership	CI - Improving Water Quality Through Training and Technical Assistance to Private Well Owners	\$25,995	\$23,396
		McGreevy Jr,Thomas	RI Dept of Environ Magt	Brook Trout Conservation Genetics	\$24,510	\$24,510
		McWilliams,Scott R	RI Dept of Environ Magt	Effects of Habitat Restoration on American Woodcock and Associated Avian Species	\$137,835	\$137,835
		Meyerson,Laura	Louisiana State University	Genetic Analysis for Phragmites Australis Reed Scale	\$81,344	\$81,344
			National Science Foundation	Invasion Biology Rules of Life	\$63,174	\$63,174
		Moore,Amelia	Mars Incorporated	Phase II & III Bontosua Coral Restoration Study	\$117,629	\$58,815
			Rhode Island Council for the Humanities	Public Memory, Place, and Belonging: Unearthing the Hidden History of the Native and African American Presence on Block Isla..	\$2,000	\$660
		Opaluch,James	University of North Carolina - CH	CI - Dept. of Homeland Security Coastal Resilience Center of Excellence Projects	\$224,272	\$53,825

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College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 2	Pradhanang,Soni	Restore Amercia's Estuaries	An Integrated Observational and Modeling Approach to Estimation of the Groundwater Contribution to the Water and Nutrient Bud..	\$474,633	\$61,702
			RI Office of Housing & Comm Development	Replaces AWD05373 / 0005780	\$6,000	\$6,000
		Rasmussen,Scott	McLaughlin Research Corporation	CI - GIS Support Services for the Naval Undersea Warfare Center's Marine Environmental Planning Laboratory (MEP) F..	\$28,771	\$5,754
			RI Coastal Res Mgt.Council	CI - FY 19 Continued Beach Profiling on the Charlestown Barrier Misquamicut Headland and Matunuck Headland, RI	\$10,000	\$2,500
			RI Department of the Attorney General	CI - RI Salt Marsh Conservation Project	\$425,000	\$72,250
			RI Dept of Environ Magt	CI - Local Tidal Datum Calculations for Salt Marshes in Support of the RI Wetland Program	\$32,000	\$8,000
		Stolt,Mark	US Department of Agriculture	2019 National Cooperative Soil Survey Conference	\$59,997	\$59,997
				A Workshop Toward Redefining How Wet Soils are Classified within Soil Toxonomy	\$50,000	\$50,000
				Soil Carbon Stocks, Hydrology, and Hydric Soils of Northeastern Vernal Pools	\$5,000	\$5,000
		Thornber,Carol	Bureau of Forestry Central Office Direct	Understanding and Exploiting Host Plant Resistance as a Tool for Eastern Hemlock Restoration in PA Forests	\$55,000	\$5,500
		Wang,Yeqiao	AmericaView	CI - StateView Program Development and Operations for the State of Rhode Island	\$23,500	\$7,755

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College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 2	Wang,Yeqiao	RI Coastal Res Mgt.Council	CI - FY 19 Continued Beach Profiling on the Charlestown Barrier Misquamicut Headland and Matunuck Headland, RI	\$10,000	\$2,500
			RI Department of the Attorney General	CI - RI Aerial Photography Project	\$410,000	\$102,500
				CI - RI Salt Marsh Conservation Project	\$425,000	\$72,250
			RI Dept of Environ Magt	CI - Local Tidal Datum Calculations for Salt Marshes in Support of the RI Wetland Program	\$32,000	\$8,000
	CELS Academic Unit 3	Camberg,Jodi	National Institute of Health	replaces project 0007067	\$283,163	\$283,163
			University of Arizona	Understanding the Molecular Determinants and Regulation of Toxin Activity in Bacteria	\$68,058	\$68,058
		De Groot,Anne	National Institute of Health	Influenza Vaccine Immunity Shaped by Human-Like Influenza Epitopes	\$191,875	\$95,938
		Dewsbury,Bryan M	National Institute of Health	MARC U*STAR Training Program at the University of Rhode Island	\$143,177	\$71,589
		Gregory,Steven	Brown University	Structural Robustness of Ribosome Functional Centers	\$149,595	\$149,595
		Howlett,Niall	American Society of Hematology, Inc.	Role of the Fanconi Anemia D2 Protein in Replication Fork Maintenance	\$150,000	\$150,000
			National Institute of Health	MARC U*STAR Training Program at the University of Rhode Island	\$143,177	\$71,589

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College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
<b>COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES</b>	CELS Academic Unit 3	Howlett,Niall	National Science Foundation	MRI: Acquisition of a Confocal High Content Screening System to Enhance Bioengineering, and Biomedical Research	\$893,169	\$151,839
		Jenkins,Bethany	Brown University	Graduate Fellowship NASA Rhode Island Space Grant Cobnsortium	\$44,748	\$44,748
		Kausch,Albert	Donald Danforth Plant Science Center	Biosystems Design to Enable Next-Generation Biofuels and Bioproducts	\$336,447	\$336,447
			Lawrence Berkeley Natl Laboratory	Transformation of Sorghum for the University of California, Berkeley	\$67,540	\$67,540
		Lane,Christopher J	Institut Pertanian Bogor	USAID SHERA - Interdisciplinary Graduate Research and Education in Animal Biotechnology and Coral Reef Fisheries	\$26,465	\$10,586
		Moise,Leonard	National Institute of Health	Influenza Vaccine Immunity Shaped by Human-Like Influenza Epitopes	\$191,875	\$95,938
		Nelson,David A	Harvard University	Biocontrol of Early Mortality Syndrome in Farm Raised Shrimp	\$81,515	\$27,715
			US Dept of Commerce NOAA	CI - Probiotics for Bivalve Aquaculture: Commercial Production and Hatchery Implementation	\$300,000	\$99,000
		Payne,Barbara	BOSTON UNIVERSITY	HEUICS (HIV Exposed Uninfected Infant Cohort Study)	\$96,581	\$96,581
		Preisser,Evan	Bureau of Forestry Central Office Direct	Understanding and Exploiting Host Plant Resistance as a Tool for Eastern Hemlock Restoration in PA Forests	\$55,000	\$33,000
		Putnam,Hollie	US-Israel Binational Foundation	Function of Acid-Rich Proteins in Coral Biomineralization Across Diverse Climates	\$30,000	\$30,000

# AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
<b>COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES</b>	CELS Academic Unit 3	Putnam,Hollie M	Bermuda Institute of Ocean Sciences	How Resilient are Coral Reefs to Global Climate Change?	\$75,268	\$75,268
			University of Washington	Development of Environmental Conditioning Practices to Decrease Impacts of Climate Change on Shellfish Aquaculture	\$71,604	\$71,604
		Roberts,Alison	Pennsylvania State University	CENTER FOR LIGNOCELLULOSE STRUCTURE AND FORMATION (CLSF)	\$149,988	\$149,988
		Rothman,Alan	CHEROKEE NATION TECHNOLOGY SOLUTIONS	CNTS IDIQ for Clinical Research	\$48,719	\$48,719
			National Institute of Health	Flavivirus Infections: Pathogenesis and Prevention	\$1,900,000	\$1,273,000
		Srikiatkachorn,Anon	National Institute of Health	Flavivirus Infections: Pathogenesis and Prevention	\$1,900,000	\$627,000
		Zhang,Ying	National Science Foundation	CAREER: Integrated Annotation and Comparative Analysis of Metabolic Models	\$185,047	\$185,047
			University of Georgia	Systems Biology-Based Optimization of Extremely Thermophilic Lignocellulose Conversion to Bioproducts	\$50,000	\$50,000
	CELS Dean/Administration	Somers,Barbara	Commercial Fisheries Center of RI	Next Generation Commercial Fishing Crew Apprenticeship Program (CFAP) - Administration	\$18,000	\$18,000
	Community Plan and Land-Arch	Atash,Farhad	University of Maine	University Transportation Center Regional 1	\$187,447	\$3,749
	Dean Environment Life Science	Kirby,John	US Department of Agriculture	FY 19 Hatch Formula	\$1,023,261	\$1,023,261



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College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	Dean Environment Life Science	Kirby,John	US Department of Agriculture	FY 2019 Cooperative Extension	\$1,135,639	\$1,135,639
				Hatch Regional FY 19	\$518,101	\$518,101
				McIntire Stennis FY 18	\$56,200	\$56,200
				McIntire Stennis FY 19	\$147,346	\$147,346
	Lane,Christopher E	National Science Foundation	Workshop to Stimulate Research on Microbial Eukaryotic Diversity	\$84,346	\$84,346	
	Rhodes III,Richard	US Department of Agriculture	CI- WEST AFRICA ANALYTICAL SUPPORT SERVICES AND EVALUATIONS FOR	\$162,436	\$16,244	
	Plant Science	Casagrande,Richard	US Department of Agriculture	Extension Implementation Program for Rhode Island: Novel Pests, Innovative Approaches	\$261,890	\$130,945
		Faubert,Heather	US Department of Agriculture	Extension Implementation Program for Rhode Island: Novel Pests, Innovative Approaches	\$261,890	\$65,473
		Lebrun,Roger	US Geological Survey	BPA to Cover Overhead Costs of USGS Field Station at URI	\$1,200	\$1,200
		Tewksbury,Elizabeth	US Department of Agriculture	Extension Implementation Program for Rhode Island: Novel Pests, Innovative Approaches	\$261,890	\$65,473
Total						\$14,471,543

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College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Coastal Institute	Rohr,Nicole	National Institute of Health	CI - STEEP - Sources, Transport, Exposure and Effects of Perfluoroalkyl Substances	\$1,697,414	\$77,232
		Swift,Judith	National Institute of Health	CI - STEEP - Sources, Transport, Exposure and Effects of Perfluoroalkyl Substances	\$1,697,414	\$77,232
			US Dept of Interior	CI - CESU Host - Leadership, Coordination and Administrative Oversight for the North Atlantic Coast Cooperative	\$9,000	\$9,000
	GSO Coastal Resources Center	Crawford,Brian	Mississippi State University	CI - URI Fisheries Innovation Lab	\$336,813	\$67,363
			US Agcy for International Dev.	CI - Ghana Sustainable Fisheries Management Project	\$4,916,996	\$2,458,498
		Crean,Teresa	RI Coastal Res Mgt.Council	CI - HUD V BEACH SAMP	\$79,060	\$39,530
				CI - Rhode Island Shoreline Adaptation for Resilience and Habitat Enhancement	\$33,725	\$33,725
		Freeman,Peter	International Union for Conservation of	CI - Regional Coastal Biodiversity Project	\$281,999	\$70,500
		Kent,Karen	PACT	CI - Kent/Torell/Hay Tao 2016	\$916,286	\$458,143
			The Cadmus Group, Inc.	CI - Environment Sector Review	\$8,052	\$4,026
			US Department of Agriculture	CI - Monitoring, Evaluation and Analytical Support Services (ASSESS URI II)	\$75,000	\$67,500

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College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Coastal Resources Center	Kent,Karen	US Department of Agriculture	CI- WEST AFRICA ANALYTICAL SUPPORT SERVICES AND EVALUATIONS FOR	\$162,436	\$146,192
		Mccann,Jennifer	US Dept of Commerce NOAA	CI - Expanding Rhode Island Aquaculture through a Web-Based, entry-Level Farm Worker Training Program with Model/Learni..	\$745,815	\$745,815
		Ricci,Glenn	International Union for Conservation of	CI - Regional Coastal Biodiversity Project	\$281,999	\$70,500
			US Agcy for International Dev.	CI - 2017 FISH RIGHT_USAID Philippines	\$4,037,000	\$2,018,500
			US Dept of Interior	CI - National Parks Service Conducting a Vulnerability Assessment at George Washington Birthplace National Monument ..	\$106,327	\$106,327
		Robadue Jr,Donald	US Agcy for International Dev.	CI - Ghana Sustainable Fisheries Management Project	\$4,916,996	\$2,458,498
		Rubinoff,Pamela	RPS	CI - Risk Reduction for Small Business Resiliency	\$63,827	\$63,827
			University of Connecticut STORRS	Inland and Coastal Flooding Preparation, Mitigation and Recovery in Continuous States	\$20,800	\$20,800
		Torell,Elin	Mississippi State University	CI - URI Fisheries Innovation Lab	\$336,813	\$117,885
			PACT	CI - Kent/Torell/Hay Tao 2016	\$916,286	\$458,143
			The Cadmus Group, Inc.	CI - Environment Sector Review	\$8,052	\$4,026

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GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Coastal Resources Center	Torell,Elin	US Agcy for International Dev.	CI - 2017 FISH RIGHT_USAID Philippines	\$4,037,000	\$2,018,500
			US Department of Agriculture	CI - Monitoring, Evaluation and Analytical Support Services (ASSESS URI II)	\$75,000	\$7,500
		Torell,Elin C	PACT	CI- FISHERIES INTEGRATION OF SOCIETY AND HABITS FISH	\$358,068	\$358,068
	GSO Facilities	Palazzetti,David	National Science Foundation	Proposal to Operate Regional Class Research Vessel (RCRV) #2	\$5,000	\$1,000
				R/V Endeavor Ship Operations CY 2018	\$4,334,010	\$2,167,005
			Oregon State University	RCRV2 Phase III - Ship Construction	\$250,000	\$250,000
	GSO Faculty	Alberts,Jonathan	National Science Foundation	UNIVERSIEY-NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM	\$165,809	\$82,905
		Beinart,Roxanne	Simons Foundation	CI - Patterns of Specificity and Maintenance in Microbe-Microbe Partnerships	\$180,000	\$180,000
		Campbell,Robert	National Science Foundation	Collaborative Research: The Role of Planktonic Lower Trophic Levels in Carbon and Nitrogen Transformations in the Central Arc..	\$899,732	\$899,732
		Carey,Steven	National Science Foundation	An Integrated Study of the Driving Forces and Deposits of Shallow Water Eruptions of Volatile-Rich Basalt: Socorro 1993 Revisited	\$196,487	\$98,244
				Marine Geological-Samples Laboratory: Graduate School of Oceanography, University of Rhode Island (support of marine sample c..	\$88,233	\$88,233

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College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Faculty	Coleman,Dwight	BBC	BBC Blue Planet Live 2019 - R/V Atlantis	\$51,498	\$51,498
			National Science Foundation	CI - Northwest Passage Project	\$717,724	\$107,659
				EAGER: Antarctic Broadcasts: Broader Impacts Through Telepresence (ABBITT)	\$159,715	\$79,858
				Proposal to Operate Regional Class Research Vessel (RCRV) #2	\$5,000	\$1,000
		OCEAN EXPLORATION TRUST	Naval Undersea Warfare Center	Collaboration with the URI Inner Space Center	\$19,933	\$19,933
			OCEAN EXPLORATION TRUST	2019 E/V Nautilus Exploration Season - Samoan Clipper Exploration	\$12,000	\$12,000
				Mapping Support for Exploration Using the E/V Nautilus	\$41,000	\$41,000
				NASA SUBSEA Subaward for Gorda Ridge Expedition 2019	\$31,500	\$31,500
				NASA SUBSEA Subaward for Loihi Seamount Expedition 2018	\$31,500	\$31,500
				Ocean Networks Canada and Division of Fisheries and Oceans Canada 2018 - Program Support for the E/V Nautilus	\$58,000	\$58,000
				telepresence Exploration of NOAA's National Marine Sanctuary 2019	\$44,000	\$44,000

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College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Faculty	Coleman,Dwight	OCEAN EXPLORATION TRUST	Telepresence-Enabled Ocean Exploration Using the E/V Nautilus and a Mobile ROV System in Support of NOAA's Ocean Explorat..	\$161,000	\$161,000
			US Dept of Commerce NOAA	NOAA_OER Partnership with the URI Inner Space Center to Support Systematic Ocean Exploration - 2017 and 2018	\$300,000	\$300,000
			Woods Hole Oce Institution	Broadcast Support for the 2019 Stellwagen Bank Expedition	\$10,000	\$10,000
				Telepresence Equipment for the R/V Atlantis	\$24,516	\$24,516
				Telepresence Equipment for the R/V Neil Armstrong	\$24,516	\$24,516
		Collie,Jeremy	NE Fishery Management Council	Fish Population Dynamics	\$11,340	\$11,340
			US Dept of Commerce NOAA	GSO/Collie/RISG/2018: NMFS SG Fellowship/J. Langan/A Bayesian State-Space Approach to Improve Projections of Stock Biomass to Ma..	\$76,666	\$76,666
		Collie,Jeremy S	RI Dept of Environ Magt	University of Rhode Island Weekly Fish Trawl	\$13,867	\$13,867
		Corliss,Bruce	National Science Foundation	Proposal to Operate Regional Class Research Vessel (RCRV) #2	\$5,000	\$1,000
		Cormier,Marie H	National Science Foundation	Collab. Research: Interactions between Transpressional Structures at the N. American-Caribbean Plate Boundary: Geophy..	\$17,435	\$11,333
		Cornillon,Peter	Brown University	Beyond Spectra: Macroturbulence Observations Select High-Resolution Ocean Models	\$17,691	\$17,691

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College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Faculty	Cornillon,Peter	Earth & Science Research	Evaluate the Temporal and Spatial Variability of the SST Gradient Field in the Arctic and Sub-Arctic	\$77,648	\$77,648
			University of Southern California	Center for Dark Energy Biosphere Investigations	\$573,085	\$382,248
		Desilva,Annette	National Science Foundation	Ocean Observatories Initiative Facility Board (OOIFB) Administrative Support Office	\$405,493	\$405,493
				UNIVERSITY-NATIONAL OCEANOGRAPHIC LABORATORY SYSTEM	\$165,809	\$82,905
		Donohue,Kathleen	National Academy of Sciences	Understanding Gulf Ocean Systems, Topic 2, Pressure and Current Meters	\$1,518,310	\$759,155
			National Science Foundation	Collab. Research: The Oleander Project High Resolution Observations of the Dynamic Ocean Between New Jersey and Bermuda	\$85,856	\$42,928
				REU SURFO	\$132,884	\$53,154
		Feen,Melanie	NatAeronautics & Space Admin	Net Community Production Across Scales: From Autonomous Profiling to Ocean Color Remote Sensing	\$45,000	\$22,500
		Ginis,Isaac	KOREA INSTITUTE OF OCEAN SCIENCE & TECHN	CI - KIOST: Cooperative Process Modeling Study of Rapidly Intensifying Typhoon with Warm Eddy and Wind Drag Parameterizations	\$40,000	\$40,000
			University of North Carolina - CH	CI - Dept. of Homeland Security Coastal Resilience Center of Excellence Projects	\$224,272	\$116,621
			US Dept of Interior	CI - Climate Change Impacts on Northeastern Vulnerability for Four New England Parks	\$268,290	\$268,290

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College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Faculty	Graham, Rebecca	National Science Foundation	The Nitrogen Isotopic Composition of Diatom Resting Spores in Southern Ocean Sediments: A Source of Bias and/or Paleoenvironmental ..	\$396,783	\$396,783
			Restore Amercia's Estuaries	An Integrated Observational and Modeling Approach to Estimation of the Groundwater Contribution to the Water and Nutrient Bud..	\$474,633	\$185,107
		Heikes, Brian	Brown University	Quantifying Wet and Dry Deposition of Ammonium to Narragansett Bay	\$14,999	\$14,999
		Heil Jr, Clifford W	The Leakey Foundation	Constraining Hominin Record through High Resolution Paleomagnetic Stratigraphy at Olduvai Gorge, Tanzania	\$18,000	\$18,000
		Kelley, Katherine	National Science Foundation	An Integrated Study of the Driving Forces and Deposits of Shallow Water Eruptions of Volatile-Rich Basalt: Socorro 1993 Revisited	\$196,487	\$98,244
		Kenney, Robert D	US Dept of Commerce NOAA	Maintain and Curate the North Atlantic Right Whale Sightings Database.	\$99,999	\$99,999
		Kincaid, Christopher	RI Science and Technology Advisory Council	Building Essential Bridges Between Ecosystem Data and Hydrodynamic-Ecosystem Models of Rhode I..	\$61,330	\$61,330
		King, John	HDR / e2M	Supplement 2 : Underwater Acoustic Data Analysis and Measurements for the Block Island Wind Farm Construction and Operation	\$10,941	\$9,847
			INSPIRE Environmental LLC	CI - Deep Water Wind EMF Survey: EMF Study of the Export and Inter-Array Cables, Rhode Island	\$50,806	\$50,806
			National Science Foundation	Collab. Research: Interactions between Transpressional Structures at the N. American-Caribbean Plate Boundary: Geophy..	\$17,435	\$6,102
			Restore Amercia's Estuaries	An Integrated Observational and Modeling Approach to Estimation of the Groundwater Contribution to the Water and Nutrient Bud..	\$474,633	\$180,361



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College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Faculty	King, John	RI Commerce Corporation	MIKEL Submerged Acoustic Navigation System Generation 5 Beacon	\$50,000	\$50,000
		Lohmann, Rainer	Environment & Climate Change Canada	Preparation and Analysis of Passive Samplers for Organic Contaminants in Lakes and Seawater	\$18,480	\$18,480
			Harvard University	CI - Evaluating the Importance of Precursor Transport and Transformation for Groundwater Contamination with Poly- and ..	\$85,940	\$85,940
			National Institute of Health	CI - STEEP - Sources, Transport, Exposure and Effects of Perfluoroalkyl Substances	\$1,697,414	\$646,715
			RI Science and Technology Advisory Council	Testing Nanographene as Passive Samplers for Emerging Contaminants of Concerns in Narragansett Bay	\$80,000	\$80,000
			Strategic Environ Res & Develop Program	Field Testing a Passive Multisampler to Measure Dioxins / Furans and Other Contaminant Bioavailability in Aquatic Sedi..	\$262,421	\$262,421
		Loose, Brice	National Science Foundation	CI - Northwest Passage Project	\$717,724	\$107,659
				Collaborative Research: Identifying the Controls on Gas Flux and Microbial Carbon and Energy Transformation Across the Sea-Ice-S..	\$541,432	\$541,432
		Maranda, Lucie	National Science Foundation	REU SURFO	\$132,884	\$53,154
			RI Commerce Corporation	Testing Onvector High-Voltage Plasma for Ballast Water Management	\$42,866	\$34,293
		Menden-Deuer, Susan..	NatAeronautics & Space Admin	CI - Quantifying Plankton Predation Rates and Effects on Primary Production, Phytoplankton Community Composition, Size Spectra and P..	\$486,387	\$243,194

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GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Faculty	Menden-Deuer, Susan..	NatAeronautics & Space Admin	NASA has re obligated the original award under 80NSSC18K1471	\$76,908	\$76,908
			RI Science and Technology Advisory Council	STAC 2019 Coupling Physical and Ecological Models to Understanding How Climate Drives Disease Outbreaks in Narragansett Bay	\$80,000	\$32,000
			Woods Hole Oce Institution	CI - LTER: Linking Pelagic Community Structure with Ecosystem Dynamics and Production Regimes on the Changing Northe..	\$165,731	\$82,866
		Mouw, Colleen	NatAeronautics & Space Admin	CI - Continued Mentoring of Junior Women in Physical Oceanography: link to NASA labs	\$33,594	\$33,594
			National Science Foundation	Continuity and Enhancement of MPOWR	\$79,839	\$79,839
		Mouw, Colleen B	Massachusetts Institute of Technology	Assessing Ecosystem Vulnerability to Climate Change through Optics, Imagery and Models	\$95,220	\$95,220
		Murray, Cynthia	US Dept of Commerce NOAA	A Proposal for the Support of Continuing and New Activities of the National Sea Grant Library	\$299,812	\$299,812
		Omand, Melissa	Skidmore College	Linking Sinking Particle Chemistry and Biology with Changes in the Magnitude and Efficiency of Carbon Export into the Deep Oc..	\$150,811	\$150,811
			University of Washington	AMPLIFY: Autonomous Monitoring of Export Pathways: Lagrangian Insight from Femtoseconds to Years	\$104,604	\$104,604
		Omand, Melissa M	NatAeronautics & Space Admin	Net Community Production Across Scales: From Autonomous Profiling to Ocean Color Remote Sensing	\$45,000	\$22,500
			National Science Foundation	Minions: A Low-Cost Float for Distributed, Lagrangian Observations of the Biological Carbon Pump	\$450,002	\$427,502

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College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Faculty	Oviatt,Candace	NERACOOS	CI - Data Transfer to NERACOOS from NBFSMN Stations Operated by URI/GSO	\$59,999	\$30,000
			RI Dept of Environ Magt	IIHI - Perform Analysis of Chlorophyll-A Concentrations from Water Quality Samples	\$9,450	\$9,450
		Palter,Jaime	National Science Foundation	RAPID: Observing Heat and Carbon Fluxes with an Autonomous Wind-Powered Surface Vehicle in the Gulf	\$40,014	\$40,014
		Pockalny,Robert	Alfred P. Sloan Foundation	The Road to 2019 and Beyond	\$299,795	\$284,805
			University of Southern California	Center for Dark Energy Biosphere Investigations	\$573,085	\$190,837
		Pratt,Catherine A	Alfred P. Sloan Foundation	The Road to 2019 and Beyond	\$299,795	\$14,990
		Roman,Christopher	Creare LLC	Autonomous Bathymetric Survey System	\$39,000	\$39,000
		Rossby,Hans	National Science Foundation	Minions: A Low-Cost Float for Distributed, Lagrangian Observations of the Biological Carbon Pump	\$450,002	\$22,500
		Rossby,Hans T	National Science Foundation	Collab. Research: The Norrona Project: An International Collaboration for Sustained Studies of the Meridional Overturning Circul..	\$16,036	\$16,036
				Collab. Research: The Oleander Project High Resolution Observations of the Dynamic Ocean Between New Jersey and Bermuda	\$85,856	\$42,928
		Rothstein,Lewis	National Science Foundation	RII Track-1: Enhancing Rhode Island's Coastal Environment to Enable Growth in a Blue Economy	\$4,033,113	\$1,008,278

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GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Faculty	Rynearson,Tatiana	NatAeronautics & Space Admin	CI - Quantifying Plankton Predation Rates and Effects on Primary Production, Phytoplankton Community Composition, Size Spectra and P..	\$486,387	\$243,194
			Woods Hole Oce Institution	CI - LTER: Linking Pelagic Community Structure with Ecosystem Dynamics and Production Regimes on the Changing Northe..	\$165,731	\$82,866
		Scowcroft,Gail	National Science Foundation	CI - Northwest Passage Project	\$717,724	\$502,407
				EAGER: Antarctic Broadcasts: Broader Impacts Through Telepresence (ABBITT)	\$159,715	\$79,858
			US of Office of Naval Research	Discovery of Sound in the Sea 2018-2019	\$350,000	\$350,000
		Shen,Yang	AIR FORCE RESEARCH LABORATORY	Pinpointing Seismic Events with Body Waves Scattered by Topography Near the Source Region	\$139,035	\$132,083
			National Science Foundation	Collab. Research: OBS Survey of Kilauea's Submarine South Flank Following the May 4, 2018 M6.9 Earthquake and Lower East Rift Z..	\$7,775	\$7,775
		Smith,David	National Science Foundation	Proposal to Operate Regional Class Research Vessel (RCRV) #2	\$5,000	\$1,000
				REU SURFO	\$132,884	\$26,577
			RI Commerce Corporation	Testing Onvector High-Voltage Plasma for Ballast Water Management	\$42,866	\$8,573
		Stoffel,Heather E	NERACOOS	CI - Data Transfer to NERACOOS from NBFMSM Stations Operated by URI/GSO	\$59,999	\$30,000

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GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Faculty	Ullman,David	National Science Foundation	Collaborative Research: Investigating the Air-Sea Energy Exchange in the Presence of Surface Gravity Waves	\$239,324	\$239,324
			Rutgers University	CONTINUATION OF PREVIOUS PO 2384074	\$15,000	\$15,000
		Walsh,John	National Science Foundation	CI - RAPID: Examining Seafloor Dynamics Offshore Bogue Banks, NC Related to Hurricane Florence	\$64,704	\$64,704
		Wang,Nian	AIR FORCE RESEARCH LABORATORY	Pinpointing Seismic Events with Body Waves Scattered by Topography Near the Source Region	\$139,035	\$6,952
		Watts,D Randolph	AMSOL	Service and Upgrade ASTTEX-MIT PIES	\$47,000	\$47,000
			Inha University	Upgrade 4 CPIES for Western Equatorial Pacific	\$65,600	\$65,600
			KOREA INSTITUTE OF OCEAN SCIENCE & TECHN	KIOST Data-Training for Kuroshio Extension	\$3,600	\$3,600
				Kuroshio Extension Rental of 2 CPIES	\$10,000	\$10,000
				Repair PIES Electronics Board for SN279	\$1,791	\$1,791
			National Academy of Sciences	Understanding Gulf Ocean Systems, Topic 2, Pressure and Current Meters	\$1,518,310	\$759,155
			Seismic Technologies Ltd.	Western Pacific Current Systems Study, Using 5 CPIES Each with 4 PDS	\$418,445	\$418,445

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College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Faculty	Watts,D Randolph	Seoul National University	Kuroshio Extension Studies with 2 CPIES	\$128,681	\$128,681
			UKRI	PIES Accessories - Mechanical Parts for NOC - Southampton - UK	\$2,280	\$2,280
			UNIVERSITY OF BREMEN-DEU	PIES Upgrades and Preparations for University of Bremen	\$13,384	\$13,384
			University of Gothenberg	Arctic Ice Studies Using Twenty TPOPS	\$88,600	\$88,600
			University of Miami	PIES accessories - Redeployment parts for Pawson/CIMAS	\$1,648	\$1,648
			University of Washington	Replace Glass Sphere Pressure Housing for a PIES for APL-UW	\$4,840	\$4,840
	GSO Marine Office	Fanning III,William L	National Science Foundation	Oceanographic Technical Services for RV Endeavor: cy 2018	\$449,699	\$449,699
		Glennon,Thomas	National Science Foundation	Proposal to Operate Regional Class Research Vessel (RCRV) #2	\$5,000	\$1,000
				R/V Endeavor Ship Operations CY 2018	\$4,334,010	\$2,167,005
			US of Office of Naval Research	ONR Ship Time and Marine Technician Support for the RV Endeavor - CY 2018	\$1,158,161	\$1,158,161
			Woods Hole Oce Institution	WHOI Science Mission Aboard RV Endeavor - East Coast Oceanographic Consortium	\$55,000	\$55,000

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College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Rhode Island Sea Grant	Nixon,Dennis	US Dept of Commerce NOAA	2019 Knauss Fellowship (Rennie Meyers)	\$61,500	\$61,500
				RI Sea Grant 2018-2022 Omnibus Program Administration Program	\$3,393,627	\$3,393,627
	Total					\$36,075,949
UNIVERISTY LIBRARY	DataSpark	Pierson,Kimberly	Integrated Healthcare Partners	Library, DataSpark, IHPACO Phase 1	\$29,200	\$29,200
			RI Department of Education	Library, DataSpark, RIDE, Data Services, FY19	\$50,000	\$50,000
			RI Department of Health	Library, DataSpark, RIDOeH, Data Utilization, CY19, Lead	\$20,998	\$20,998
			RI Office of Postsecondary Commissioner	Library, DataSpark, OP, Data Warehouse, FY19	\$30,000	\$30,000
			United Way of Rhode Island	Library, DataSpark, United Way HSLI2019	\$15,000	\$15,000
			West Elmwood Housing Development Corp.	Library, DataSpark, West Elmwood DSI	\$25,000	\$25,000
		Swindal,Megan	RI Department of Health	RIDOH Data Utilization 2018Tied to AWD06500 / 0007050 (Same Agreement)	\$54,758	\$54,758
	Library	Dekker,Harrison G	NNLM,New England	Increasing Critical Thinking-Related to Sustainable Eating Behavior Choices in College Students	\$9,875	\$4,938

# AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Award Amount	Portion Amount
<b>UNIVERSITY LIBRARY</b>	Total					<b>\$229,894</b>
	Research	Nwangwu, Winifred	Institut Pasteur de Tunis	Strengthening Administrative Research Capacities Towards a Better Scientific Competitiveness	\$20,000	\$20,000
	Small Business Development Ctr	Huttenhower, Edward	US Small Business Admin	Rhode Island Small Business Development Center 2019	\$727,778	\$727,778
	Total					<b>\$747,778</b>
<b>GRAND TOTAL</b>						<b>\$93,756,455</b>



THE  
UNIVERSITY  
OF RHODE ISLAND

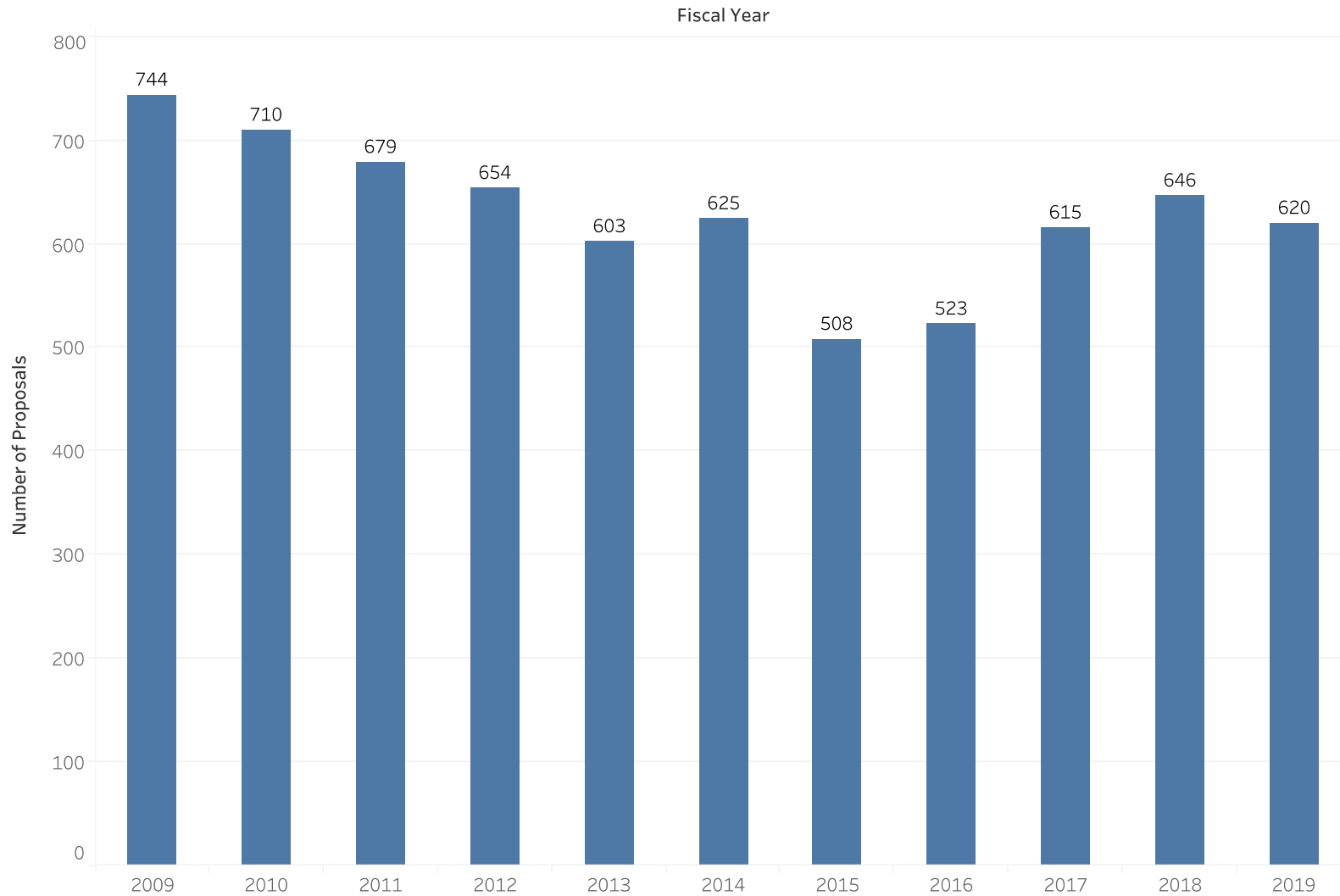
Division of Research and Economic Development

# PROPOSAL METRICS FY2019

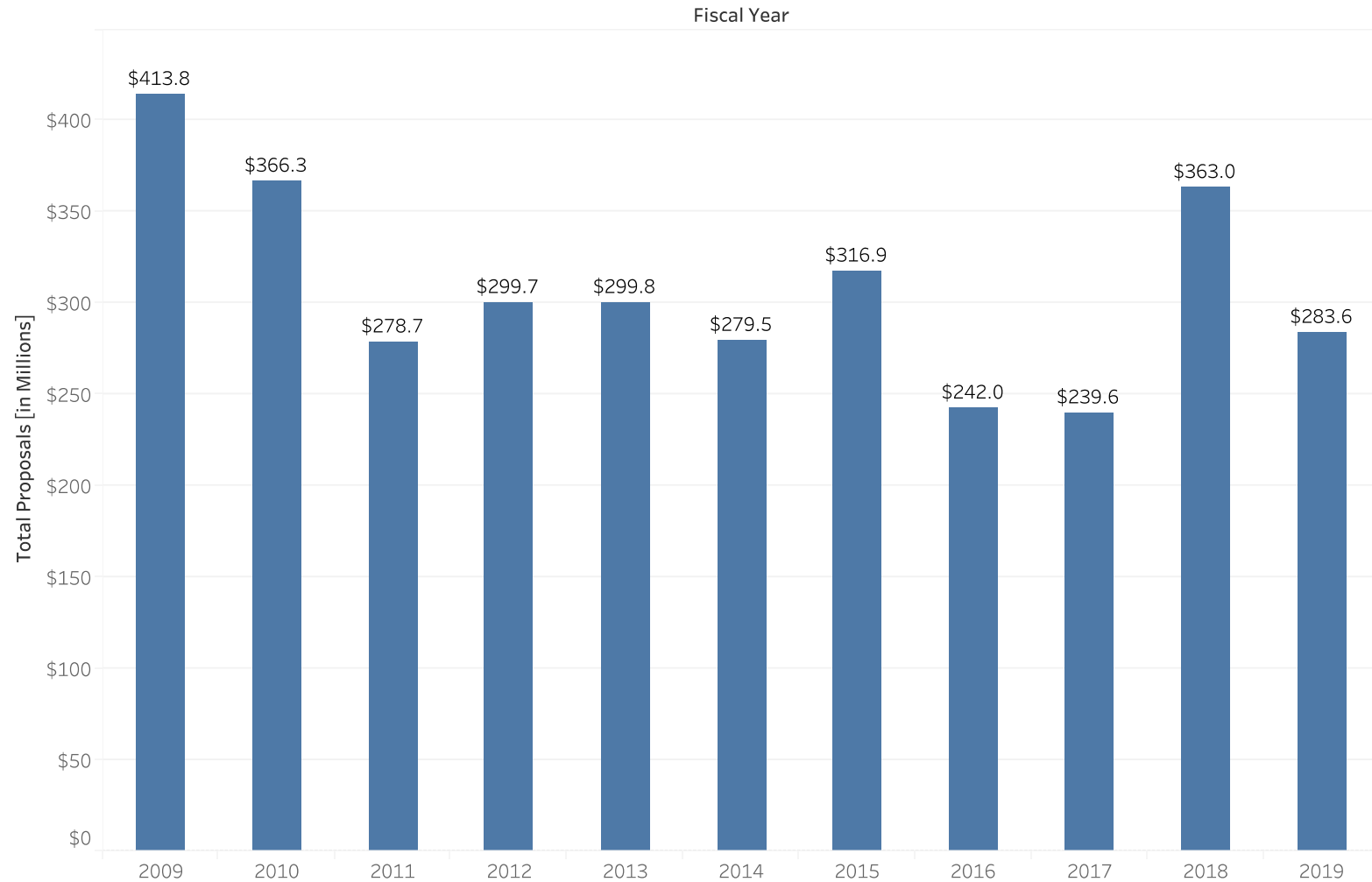
THINK BIG  WE DO™



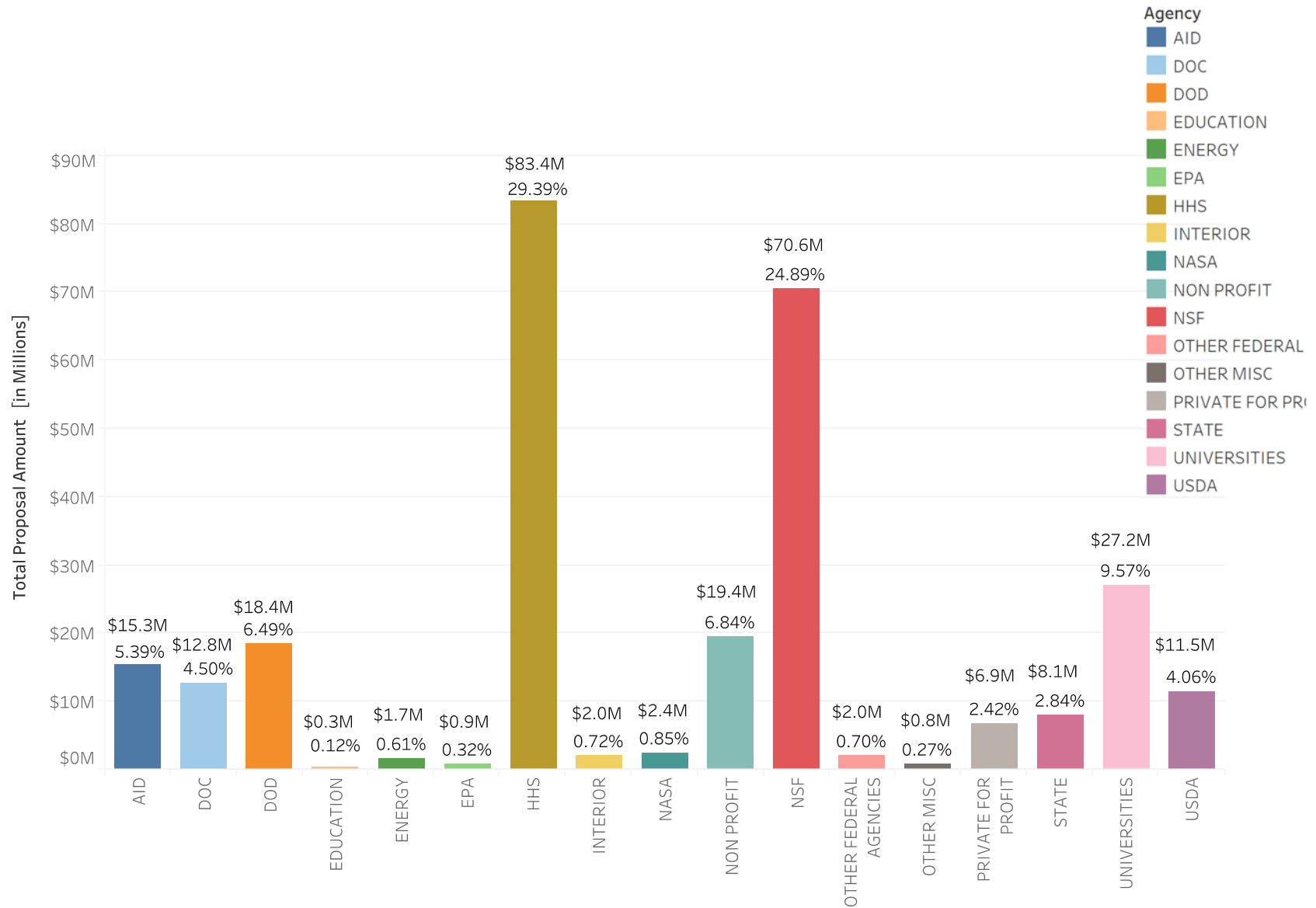
## NUMBER OF PROPOSALS SUBMITTED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2009 - FY2019



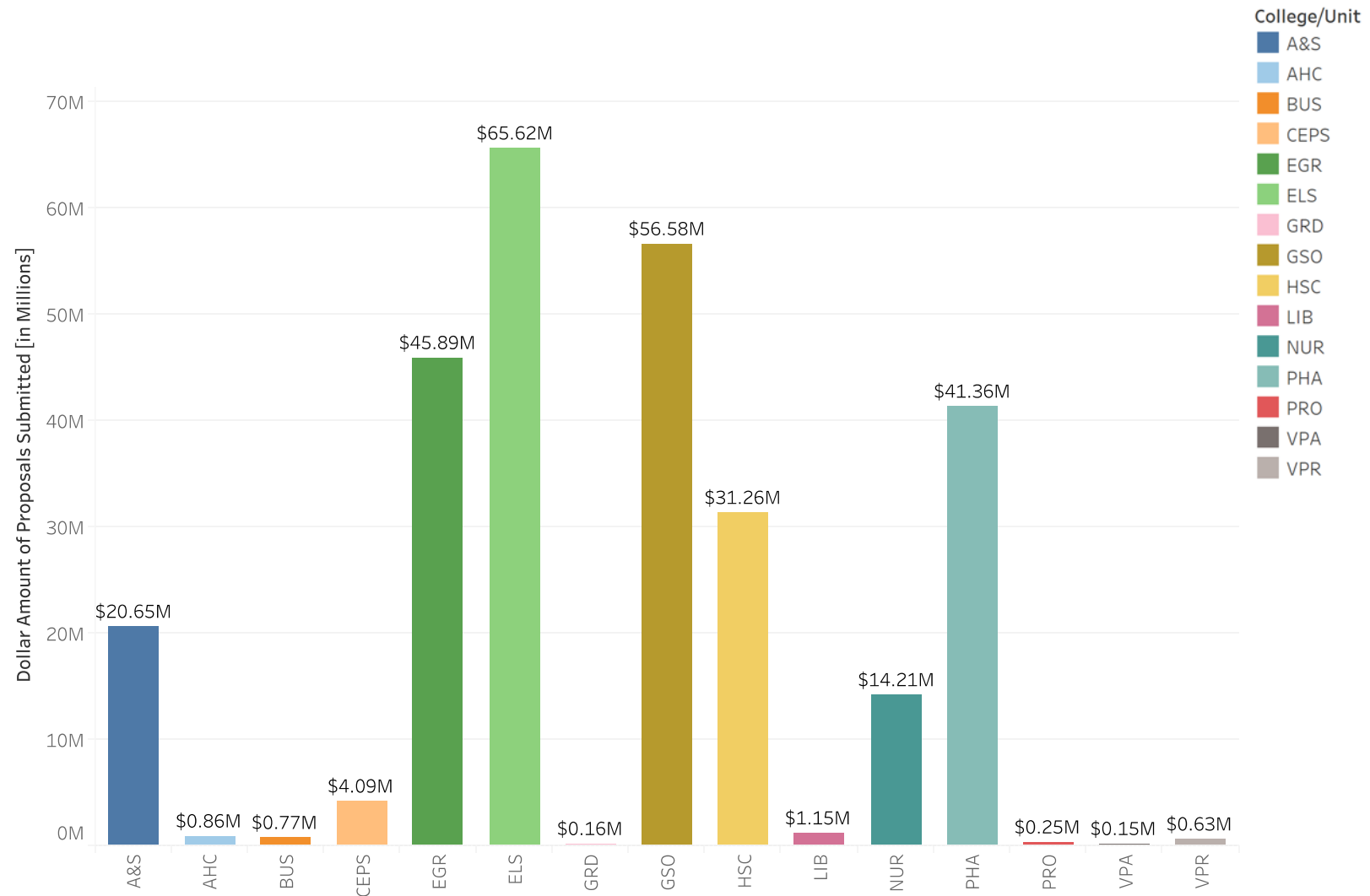
## DOLLAR AMOUNT OF PROPOSALS SUBMITTED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2009 - FY2019



# PROPOSALS SUBMITTED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT BY AGENCY FY2019



# PROPOSALS SUBMITTED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT BY COLLEGE / UNIT FY2019



DOLLAR AMOUNT OF PROPOSALS SUBMITTED THROUGH  
THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
BY AGENCY  
FY2010 - FY2019

Agency	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019
AID	\$16,123,512	\$14,052,960	\$5,073,501	\$660,443	\$17,124,377	\$26,402,779	\$7,100,154	\$5,058,845	\$25,281,826	\$15,297,137
AIRFOR	\$835,784	\$771,553	\$2,506,175	\$1,600,035	\$0	\$1,417,519	\$588,842	\$741,235	\$1,773,358	\$1,362,498
ARMY	\$9,194,768	\$328,487	\$6,982,553	\$885,595	\$1,929,520	\$279,807	\$5,452,601	\$2,825,841	\$2,780,185	\$5,053,005
DOC	\$26,044,578	\$14,830,295	\$11,408,874	\$3,800,408	\$7,449,146	\$7,977,133	\$8,666,482	\$7,554,778	\$13,372,293	\$12,768,070
DOD1	\$7,831,512	\$6,760,893	\$3,912,531	\$9,432,146	\$569,262	\$624,877	\$1,409,030	\$0	\$3,704,781	\$7,487,458
DOT	\$186,920	\$68,136	\$456,523	\$4,500,000	\$446,180	\$12,176	\$3,109,949	\$0	\$250,046	\$0
EDUC	\$18,012,586	\$1,589,020	\$1,595,085	\$0	\$2,375,573	\$6,598,352	\$773,661	\$2,538,286	\$18,293,637	\$346,879
ENERGY	\$8,802,089	\$9,845,542	\$10,560,506	\$5,384,582	\$32,428,420	\$780,152	\$3,397,619	\$397,459	\$2,078,547	\$1,719,068
EPA	\$1,131,265	\$1,240,954	\$976,565	\$670,491	\$1,707,470	\$9,361,651	\$1,284,252	\$393,649	\$3,034,801	\$917,965
HHS	\$90,262,265	\$106,324,013	\$146,178,131	\$136,265,675	\$63,136,391	\$93,317,184	\$71,654,265	\$59,778,229	\$127,413,807	\$83,352,882
INT	\$2,872,313	\$2,108,069	\$2,709,228	\$3,797,712	\$5,679,809	\$2,599,813	\$1,488,050	\$1,671,818	\$1,313,705	\$2,049,811
MISC	\$1,505,061	\$2,737,473	\$2,312,634	\$1,227,312	\$2,856,250	\$147,468	\$1,354,297	\$2,064,212	\$1,395,776	\$473,609
MUNICI	\$523,434	\$537,739	\$442,848	\$60,000	\$55,890	\$1,134,932	\$500,624	\$900,439	\$25,000	\$292,900
NASA	\$3,184,486	\$1,122,277	\$1,281,084	\$1,401,097	\$4,649,140	\$2,111,639	\$754,800	\$5,510,727	\$8,777,488	\$2,416,663
NAVY	\$40,859,340	\$5,281,057	\$11,899,441	\$4,816,472	\$3,343,920	\$2,523,288	\$5,831,409	\$4,283,655	\$8,134,934	\$4,509,598
NONPRO	\$5,330,425	\$7,784,457	\$8,766,365	\$11,732,864	\$18,701,842	\$10,474,701	\$9,469,193	\$23,935,446	\$15,584,524	\$19,405,301
NSF	\$88,063,172	\$63,379,370	\$50,042,650	\$72,468,734	\$51,666,590	\$106,431,408	\$83,014,051	\$76,463,671	\$84,918,395	\$70,585,149
OFA	\$4,936,142	\$5,356,068	\$3,620,679	\$12,688,534	\$23,650,833	\$16,268,855	\$3,302,945	\$1,315,894	\$6,063,720	\$1,985,901
PRIPRO	\$1,761,068	\$2,192,642	\$2,429,241	\$1,706,389	\$1,515,654	\$4,744,348	\$9,269,139	\$3,729,404	\$3,864,746	\$6,864,926
STATE	\$25,678,782	\$12,679,718	\$8,387,743	\$10,735,952	\$9,249,413	\$7,320,509	\$6,243,213	\$9,889,093	\$7,534,363	\$8,064,544
UNIV	\$2,350,151	\$3,724,954	\$1,910,307	\$1,239,074	\$14,498,631	\$10,851,256	\$9,725,546	\$19,179,595	\$16,032,970	\$27,154,842
USDA	\$10,801,386	\$16,009,173	\$16,273,365	\$14,775,565	\$16,413,577	\$5,557,936	\$7,652,299	\$11,380,480	\$11,363,379	\$11,528,257
<b>TOTAL</b>	<b>\$366,291,039</b>	<b>\$278,724,850</b>	<b>\$299,726,030</b>	<b>\$299,849,080</b>	<b>\$279,447,888</b>	<b>\$316,937,782</b>	<b>\$242,042,420</b>	<b>\$239,612,756</b>	<b>\$362,992,282</b>	<b>\$283,636,462</b>

PROPOSALS SUBMITTED THROUGH  
THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
BY COLLEGE / UNIT  
FY2009 - FY2019

College/Unit	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019
<b>A&amp;S</b>	\$61,809,054	\$78,524,142	\$69,152,924	\$52,337,511	\$43,409,932	\$56,097,232	\$23,013,517	\$15,649,803	\$40,026,794	\$20,646,932
<b>AHC</b>								\$888,300	\$2,304,372	\$858,455
<b>BUS</b>	\$32,963	\$3,496,108	\$848,917	\$33,790	\$444,424	\$248,952	\$158,926	\$656,949	\$105,272	\$769,147
<b>CEPS</b>	\$0	\$0	\$118,295	\$131,690	\$0	\$5,793	\$118,216	\$6,134,608	\$8,529,805	\$4,090,024
<b>EGR</b>	\$26,521,568	\$34,723,051	\$39,278,189	\$27,521,046	\$27,416,581	\$38,307,321	\$35,511,892	\$46,850,921	\$34,408,518	\$45,891,966
<b>ELS</b>	\$66,663,148	\$50,518,917	\$73,166,575	\$93,265,512	\$63,891,405	\$95,038,070	\$74,766,548	\$49,500,869	\$81,356,267	\$65,623,843
<b>GRD</b>	\$405,579	\$922	\$0	\$0	\$0	\$39,600	\$0	\$0	\$0	\$162,119
<b>GSO</b>	\$107,230,154	\$61,560,186	\$39,442,027	\$43,501,195	\$102,535,562	\$80,507,540	\$62,850,720	\$59,845,425	\$103,929,625	\$56,578,359
<b>HSC</b>								\$12,132,806	\$12,863,721	\$31,260,230
<b>HSS</b>	\$23,373,709	\$9,180,990	\$11,228,060	\$8,679,100	\$4,112,029	\$13,687,479	\$7,081,525			
<b>LIB</b>	\$2,400	\$0	\$0	\$0	\$0		\$0	\$3,194,767	\$1,125,337	\$1,154,552
<b>NUR</b>	\$4,510,018	\$5,711,167	\$5,719,147	\$6,555,515	\$958,253	\$5,213,117	\$95,213	\$592,245	\$8,780,929	\$14,211,594
<b>PHA</b>	\$37,272,388	\$32,126,823	\$57,718,734	\$56,215,535	\$35,187,850	\$24,791,863	\$34,444,137	\$43,222,662	\$68,923,673	\$41,361,646
<b>PRO</b>	\$2,558,862	\$619,358	\$160,722	\$785,193	\$230,541	\$548,047	\$515,601	\$0	\$18,111	\$250,665
<b>PRS</b>	\$1,599,509	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>UCL</b>	\$96,550	\$92,815	\$213,214	\$234,236	\$0		\$207,007	\$0	\$0	\$0
<b>VPA</b>	\$12,265,568	\$1,859,378	\$2,074,310	\$8,054,023	\$681,207	\$1,331,405	\$2,272,649	\$24,923	\$0	\$145,820
<b>VPR</b>	\$21,405,950	\$0	\$0	\$2,000,000	\$580,103	\$45,106	\$882,255	\$918,476	\$619,859	\$631,111
<b>VPS</b>	\$543,620	\$310,992	\$604,913	\$534,734	\$0	\$1,076,258	\$124,216	\$0	\$0	\$0
<b>TOTAL</b>	<b>\$366,291,039</b>	<b>\$278,724,850</b>	<b>\$299,726,030</b>	<b>\$299,849,080</b>	<b>\$279,447,888</b>	<b>\$316,937,782</b>	<b>\$242,042,420</b>	<b>\$239,612,756</b>	<b>\$362,992,282</b>	<b>\$283,636,462</b>

# PROPOSALS SUBMITTED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT BY DEPARTMENT FY2019

College / Unit	Department	Amount	Number of Proposals
ACADEMIC HEALTH COLLABORATIVE	IIHI ADMINISTRATION	\$858,455	3.00
	Total	<b>\$858,455</b>	<b>3.00</b>
COLLEGE OF ARTS AND SCIENCES	CHEMISTRY	\$9,669,401	34.33
	COMMUNICATION STUDIES	\$28,961	0.60
	COMPUTER SCIENCE/STATISTICS	\$6,316,934	8.85
	DEAN'S OFFICE	\$3,498	1.00
	FEINSTEIN HUNGER CENTER	\$588,498	1.00
	FILM STUDIES	\$296,532	0.20
	HISTORY	\$24,499	1.10
	JOURNALISM	\$256,909	0.20
	LANGUAGES	\$767,573	2.00
	MATHEMATICS	\$579,183	2.33
	PHILOSOPHY	\$14,999	0.10
	PHYSICS	\$647,910	3.70
	POLITICAL SCIENCE	\$1,258,659	1.70
	SOCIAL SCIENCE INSTITUTE RESEARCH EDU POLICY	\$59,994	0.40
	SOCIOLOGY/ANTHROPOLOGY	\$133,384	1.25
	Total	<b>\$20,646,932</b>	<b>58.76</b>
COLLEGE OF BUSINESS ADMINISTRATION	DEAN'S OFFICE	\$250,000	0.50
	FACULTY - INSTRUCTION	\$381,965	1.00
	TEXTILES/FASHION MERCHANDISING	\$137,182	4.50
	Total	<b>\$769,147</b>	<b>6.00</b>

Amount and Number of Proposals broken down by College / Unit and Department. The view is filtered on College / Unit, which excludes Null.



PROPOSALS SUBMITTED THROUGH  
THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
BY DEPARTMENT  
FY2019

College / Unit	Department	Amount	Number of Proposals
COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES	CEPS STRATEGIC INITIATIVES	\$237,256	4.00
	DEAN CEPS	\$995,991	1.50
	EDUCATION	\$2,195,301	6.70
	EDUCATION AND SOCIAL POLICY RESEARCH	\$661,476	1.02
	Total	<b>\$4,090,024</b>	<b>13.22</b>
COLLEGE OF ENGINEERING	CHEMICAL ENGINEERING	\$7,937,290	16.29
	CIVIL/ENVIRONMENTAL ENGINEERING	\$4,871,686	16.23
	DEAN'S OFFICE	\$222,703	1.00
	ELECTRICAL ENGINEERING	\$15,342,501	34.77
	MECHANICAL AND INDUSTRIAL SYSTEMS ENGINEERING	\$5,996,985	18.20
	OCEAN ENGINEERING	\$11,520,802	24.68
	Total	<b>\$45,891,966</b>	<b>111.17</b>
COLLEGE OF HEALTH SCIENCES	CANCER PREVENTION RESEARCH CENTER	\$38,863	1.00
	COMMUNICATIVE DISORDERS	\$1,500	1.00
	DEAN HEALTH SCIENCES	\$333,375	1.00
	GERONTOLOGY	\$2,745,914	1.15
	HEALTH STUDIES	\$273,915	2.95
	HUMAN DEVELOPMENT AND FAMILY STUDIES	\$583,623	3.80
	KINESIOLOGY	\$1,740,309	9.60
	NUTRITION AND FOOD SCIENCE	\$5,479,704	18.55
	PHYSICAL THERAPY	\$669,669	1.05
	PSYCHOLOGY	\$19,393,359	12.15

Amount and Number of Proposals broken down by College / Unit and Department. The view is filtered on College / Unit, which excludes Null.

# PROPOSALS SUBMITTED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT BY DEPARTMENT FY2019

College / Unit	Department	Amount	Number of Proposals
<b>COLLEGE OF HEALTH SCIENCES</b>	Total	<b>\$31,260,230</b>	<b>52.25</b>
<b>COLLEGE OF NURSING</b>	DEAN'S OFFICE	\$101,207	0.20
	NURSING INSTRUCTION	\$14,110,387	12.10
	Total	<b>\$14,211,594</b>	<b>12.30</b>
<b>COLLEGE OF PHARMACY</b>	BIOMEDICAL AND PHARMACEUTICAL SCIENCES	\$27,794,826	46.16
	CRIME LAB	\$61,191	1.00
	DEAN'S OFFICE	\$2,988,515	2.60
	PHARMACY PRACTICE	\$2,599,432	12.15
	RYAN INSTITUTE FOR NEUROSCIENCE	\$7,917,682	1.00
	Total	<b>\$41,361,646</b>	<b>62.91</b>
<b>COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES</b>	BIOLOGICAL SCIENCES	\$221,237	1.08
	CELS ACADEMIC UNIT 1	\$6,057,397	40.70
	CELS ACADEMIC UNIT 2	\$14,018,547	50.41
	CELS ACADEMIC UNIT 3	\$36,013,898	49.33
	DEAN'S OFFICE	\$8,968,098	16.55
	FISHERIES, ANIMAL & VETERINARY SCIENCE	\$44,672	1.10
	GEOSCIENCES	\$299,995	0.10
	Total	<b>\$65,623,843</b>	<b>159.27</b>
<b>GRADUATE SCHOOL</b>	GRADUATE SCHOOL	\$162,119	0.40
	Total	<b>\$162,119</b>	<b>0.40</b>
<b>GRADUATE SCHOOL OF OCEANOGRAPHY</b>	COASTAL RESOURCES CENTER	\$20,818,154	16.82
	DEAN'S OFFICE	\$256,909	0.20

Amount and Number of Proposals broken down by College / Unit and Department. The view is filtered on College / Unit, which excludes Null.

# PROPOSALS SUBMITTED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT BY DEPARTMENT FY2019

College / Unit	Department	Amount	Number of Proposals
GRADUATE SCHOOL OF OCEANOGRAPHY	FACILITIES MANAGEMENT	\$346,121	2.00
	FACULTY	\$34,649,197	96.55
	MARINE OFFICE	\$89,299	2.00
	RESEARCH SUPPORT	\$121,066	0.90
	SEA GRANT	\$297,613	5.00
	Total	<b>\$56,578,359</b>	<b>123.47</b>
PROVOST	CCE LIBRARY	\$149,450	1.00
	FACULTY AFFAIRS	\$44,984	0.15
	Total	<b>\$194,434</b>	<b>1.15</b>
UNIVERSITY LIBRARY	DATASPARK	\$1,154,552	9.60
	UNIVERSITY LIBRARY	\$56,231	3.50
	Total	<b>\$1,210,783</b>	<b>13.10</b>
VICE PRESIDENT FOR ADMINISTRATION	EEC SCHOOL PROGRAMS	\$145,820	1.00
	Total	<b>\$145,820</b>	<b>1.00</b>
VICE PRESIDENT FOR RESEARCH & ECONOMIC DEVELOPMENT	DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT	\$20,000	1.00
	SMALL BUSINESS DEVELOPMENT CENTER	\$611,111	1.00
	Total	<b>\$631,111</b>	<b>2.00</b>
GRAND TOTAL		<b>\$283,636,462</b>	<b>620.00</b>

Amount and Number of Proposals broken down by College / Unit and Department. The view is filtered on College / Unit, which excludes Null.

PROPOSALS SUBMITTED THROUGH THE  
DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
ACADEMIC HEALTH COLLABORATIVE	IIHI Administration	Bassett,Shayna	Rhode Island College	IIHI - Simulation Data Analysis	\$25,000	\$25,000
		Blissmer,Bryan J	CODAC Behavioral Healthcare	IIHI - CODAC Rhode to Health MOU	\$85,398	\$85,398
			Exec.Office of Health and Human Services	IIHI - URI Accountable Entities Technical Assistance Year 2	\$748,057	\$748,057
		Total				<b>\$858,455</b>
	Total					<b>\$858,455</b>
COLLEGE OF ARTS AND SCIENCES	Chemistry	Deboef,Brenton L	National Institute of Health	Xenon-Binding Macrocycles: A Safe Alternative to Gadolinium Contrast Agents	\$949,052	\$949,052
			RI Commerce Corporation	Synthesis of Chemical Probes for Alcinous Pharmaceuticals	\$50,000	\$50,000
		Dwyer,Jason R	National Institute of Health	Chemically Tuned Silicon Nitride Nanopores for Nucleic Acid Sequencing	\$565,424	\$282,712
			RI Science and Technology Advisory Council	Engineering Reliable and Affordable Tools for Environmentally-Economically-Driven Aquatic Monitoring	\$80,000	\$80,000
		Euler,William	National Science Foundation	Mechanistic Investigation of Interfacial properties that Modulate Fluorophore-Analyte Transduction	\$450,662	\$450,662
			Rhodes Pharmaceuticals	Sensor Development and Calibration	\$40,000	\$40,000
		Hayes,Dugan	American Chemical Society	Elucidating Mechanisms of Transition Metal Catalyzed Photochemical Transformations of Petroleum-Derived Substrates Using X-Ray Transient Absorption Spectroscopy	\$110,000	\$110,000
			Edward Mallinckrodt, Jr Foundation	Investigating DNA Melting and Intercalation Dynamics Using Ultrafast Spectroscopy	\$180,000	\$180,000

## PROPOSALS SUBMITTED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ARTS AND SCIENCES	Chemistry	Hayes,Dugan	RI Foundation	Investigating DNA Melting and Intercalation Dynamics Using Ultrafast Spectroscopy	\$25,000	\$25,000
			University of Nebraska	The Science and Engineering of Halide Perovskites for Next-Generation Photovoltaics	\$220,000	\$220,000
		Kagan,Gerald L	U.S. Army Research Laboratory	Instrumentation Request	\$315,541	\$105,075
			US Air Force Office of Scientific Resea	GPU/Explosive Equipment Request	\$315,541	\$105,075
			US Department of State	CW and Precursor Attribution by Isotopic Ratio	\$325,739	\$108,471
			US of Office of Naval Research	GPU/Explosive Equipment Request	\$315,541	\$105,075
		Kiesewetter,Matthew	National Institute of Health	Chemically Tuned Silicon Nitride Nanopores for Nucleic Acid Sequencing	\$565,424	\$282,712
			National Science Foundation	Synthesis and Chemistry of Polythiolactoes and Polythionolactones	\$496,053	\$496,053
			RI Dept of Environ Magt	Apiary for Honeybee Research and Outreach	\$14,556	\$14,556
			RI Science and Technology Advisory Council	A Cradle-to-Cradle Approach to Bio-Renewable Plastics	\$79,739	\$79,739
		Kim, Jiyeon	RI Science and Technology Advisory Council	Towards Ultrasensitive Nanofluidic Sensing of Heavy Metal Ions in Narragansett Bay	\$80,000	\$80,000
		Levine,Mindy	National Science Foundation	Decoding the Relationship Between Molecular Structure, Thermal Stability, and Solid-State Flammability Properties in Boron- and Nitrogen-Containing Materials	\$366,118	\$366,118
			Palziv International	Levine Palziv Chemistry Project	\$31,951	\$31,951

## PROPOSALS SUBMITTED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ARTS AND SCIENCES	Chemistry	Lucht,Brett	Brookhaven National Laboratories	Synthesis, Screening and Characterization of Novel Electrolyte for Low Temperature Lithium-ion Batteries	\$478,528	\$478,528
			EaglePicher Technologies	Improvement of Life and Safety of High Power Lithium-Ion Batteries	\$106,666	\$90,666
			Gotion	Development of Electrolytes for Silicon Containing Anodes for Lithium Ion Batteries	\$30,000	\$30,000
				Development of Electrolytes for Use in LNMO/LTO Batteries for 48 V Applications	\$715,966	\$715,966
			LiBama LLC	Development of Electrolytes for Microstructured Anodes for Lithium Batteries	\$44,994	\$44,994
		Oxley,Jimmie	National Science Foundation	MRI: Acquisition of a Scanning/Transmission Electron Microscope for Materials Research and Education	\$1,610,000	\$322,000
			Advanced Technology International	Post-Manufacture Modifications of Energetic Materials	\$567,377	\$283,689
			Brown University	Development and Experimental Validation of Microstructure Model of Energetic Materials	\$1,606,099	\$803,050
			Dstl Commercial Services	Research and Development into Pyrotechnics Against Threat Hazards (PATH)	\$285,915	\$142,958
			Government of Israel - Ministry of Defen	Investigation of Proposed High-Energy Density Nitrogen Compound	\$150,000	\$75,000
				Investigation of Proposed High-Energy Density Nitrogen Compounds	\$150,000	\$75,000
			Physical Science Inc.	Low Toxicity, Non0Cryogenic Liquid Propellant Upper Stage Engine	\$40,000	\$20,000
			U.S. Army Research Laboratory	Instrumentation Request	\$315,541	\$105,391

PROPOSALS SUBMITTED THROUGH THE  
DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ARTS AND SCIENCES	Chemistry	Oxley, Jimmie	United States Army	Controlled Destruction of Explosives	\$60,000	\$30,000
			URI Research Foundation	Energetic Effects for MEDUSA Platform	\$74,781	\$37,391
			US Air Force Office of Scientific Resea	GPU/Explosive Equipment Request	\$315,541	\$105,391
			US Department of State	CW and Precursor Attribution by Isotopic Ratio	\$325,739	\$108,797
			US of Office of Naval Research	GPU/Explosive Equipment Request	\$315,541	\$105,391
		Pradhanang, Soni	US Geological Survey	2019 Water Resource Grant	\$92,335	\$7,202
	Smith, James		Advanced Technology International	Post-Manufacture Modifications of Energetic Materials	\$567,377	\$283,689
			Brown University	Development and Experimental Validation of Microstructure Model of Energetic Materials	\$1,606,099	\$803,050
			Dstl Commercial Services	Research and Development into Pyrotechnics Against Threat Hazards (PATH)	\$285,915	\$142,958
			Government of Israel - Ministry of Defen	Investigation of Proposed High-Energy Density Nitrogen Compound	\$150,000	\$75,000
				Investigation of Proposed High-Energy Density Nitrogen Compounds	\$150,000	\$75,000
			Physical Science Inc.	Low Toxicity, Non0Cryogenic Liquid Propellant Upper Stage Engine	\$40,000	\$20,000
			U.S. Army Research Laboratory	Instrumentation Request	\$315,541	\$105,075

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ARTS AND SCIENCES	Chemistry	Smith,James	United States Army	Controlled Destruction of Explosives	\$60,000	\$30,000
			URI Research Foundation	Energetic Effects for MEDUSA Platform	\$74,781	\$37,391
			US Air Force Office of Scientific Resea	GPU/Explosive Equipment Request	\$315,541	\$105,075
			US Department of State	CW and Precursor Attribution by Isotopic Ratio	\$325,739	\$108,471
			US of Office of Naval Research	GPU/Explosive Equipment Request	\$315,541	\$105,075
		Yang,Sze	RI Dept. of Transportation	TRIP: Self-Sensing Pavement for Autonomous Vehicle	\$174,777	\$34,955
	Total				\$9,669,401	
	Communication Studies	Mundorf,Norbert	US Department of State	Promoting Dialogue on Trade Relations and Democratic Values Between American and Chinese College Students	\$48,269	\$14,481
		Ye,Yinjiao	US Department of State	Promoting Dialogue on Trade Relations and Democratic Values Between American and Chinese College Students	\$48,269	\$14,481
		Total				\$28,961
	Computer Science	Alvarez Vega,Marco A	NatAeronautics & Space Admin	A Framework for the Deconvolution of Oversampled Fields of Geophysical Parameters Obtained from Satellite-Borne Passive Microwave Radiometers	\$411,502	\$164,601
				Using Machine Learning to Deconvolve Passive Microwave Sea Surface Temperature Fields	\$476,706	\$190,682
			RI Dept. of Transportation	Vision-Based Detection of Bridge Damage Captured by Unmanned Aerial Vehicles	\$183,846	\$45,962



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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ARTS AND SCIENCES	Computer Science	Alvarez Vega, Marco A	UMass Medical School	Increasing Critical Thinking-Related to Sustainable Eating Behavior Choices in College Students	\$9,875	\$2,469
		Brown, David	RI Dept of Environ Magt	Supporting Adoption of Automated Laser Scarecrows against Birds in Sweet Corn and Other Specialty Crops	\$49,942	\$9,988
		Daniels, Noah	National Science Foundation	Scholarship Program to Increase Numbers and Strengthen the Workforce in Technology and Mathematics (SPIN+)	\$999,854	\$339,950
			RI Commerce Corporation	Development of a Sea Floor Object Recognition System	\$49,420	\$49,420
		Dipippo, Lisa	National Science Foundation	CyberCorps Scholarship for Service at URI	\$3,269,299	\$1,634,650
		Fay-Wolfe, Victor	National Science Foundation	CyberCorps Scholarship for Service at URI	\$3,269,299	\$1,634,650
				English Language Learner Support for Computational Thinking	\$449,302	\$449,302
				ESP URI Robert Noyce Teacher Scholarship Program	\$1,199,964	\$95,997
				Pre-Service Middle School Teacher Preparation for Teaching Computer Science	\$449,466	\$224,733
			US Department of Education	CS4EL: Differentiated Computer Science Education for Middle School English Learners	\$0	\$0
		Puggioni, Gavino	NatAeronautics & Space Admin	A Framework for the Deconvolution of Oversampled Fields of Geophysical Parameters Obtained from Satellite-Borne Passive Microwave Radiometers	\$411,502	\$82,300
				Using Machine Learning to Deconvolve Passive Microwave Sea Surface Temperature Fields	\$476,706	\$95,341
			National Institute of Health	IIHI - Lifelong Improvements in Food, Exercise, & Within-Meal Eating Behaviors (The LIFE WEB Study)	\$404,068	\$40,407

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ARTS AND SCIENCES	Computer Science	Puggioni,Gavino	Women & Infants Hospital of RI	Neonatal Cry Acoustics and Neurobehavioral Characteristics as Early Markers of Risk for Autism Spectrum Disorder	\$261,870	\$261,870
		Venkatasubramanian, Krishna K	University of Massachusetts Medical Scho	Wearable Biosensors to Detect Opioid Use During OUD Treatment	\$150,327	\$150,327
		Wu,Jing	National Science Foundation	Assessing Flood Risk and Building Coastal Resilience Using and Applying Big Data	\$5,999,996	\$797,999
			University of Texas at Austin	Using pH-Sensitive Radiosensitizing Nanoparticles to Combine Radiotherapy, Oxidative therapy and Immunotherapy to Overcome Radioresistance on Cancer Treatment	\$154,284	\$46,285
		Total				
	Dean Arts & Sciences	West-Puckett,Stepha..	National Writing Project	Science in the Park	\$3,498	\$3,498
		Total				
	Feinstein Hunger Center	Gorman,Kathleen	RI Dept of Human Services	SNAP Outreach Project 2019	\$588,498	\$588,498
		Total				
	Film Media	Malloy,Liam	National Science Foundation	SSIREP - RIDIR: Accessible Big Data for Interdisciplinary Social, Behavioral and Economic State Policy Research	\$1,482,660	\$296,532
		Total				
	History	Loomis,Erik	US of Office of Naval Research	SSIREP - Workplace for a Sustainable Future	\$149,985	\$14,999
Widell Jr,Robert		University of Connecticut STORRS	Documenting Rhode Island	\$9,500	\$9,500	

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ARTS AND SCIENCES	History	Total				\$24,499
	Journalism	Jaacks,Jason	National Science Foundation	Detection the Presence and Impact of Tourist Vessel Navigation Using Archived Data Sources and a Co-Produced Observing System to Study Implications for Indigenous Communities and Environmental Governan..	\$1,284,543	\$256,909
		Total				\$256,909
	Languages	He,Wayne Wenchao	Institute for International Education	Chinese Flagship Program Year 4	\$565,073	\$565,073
				Flagship Student Support Year 4	\$202,500	\$202,500
		Total				\$767,573
	Mathematics	Barrus,Michael	National Science Foundation	Scholarship Program to Increase Numbers and Strengthen the Workforce in Technology and Mathematics (SPIN+)	\$999,854	\$329,952
		Han,Jie	National Science Foundation	Embeddings in Graphs and Hypergraphs	\$207,231	\$207,231
			Simons Foundation	Embeddings in Graphs and Hypergraphs	\$42,000	\$42,000
		Total				\$579,183
Philosophy		Millsop,Rebecca V	US of Office of Naval Research	SSIREP - Workplace for a Sustainable Future	\$149,985	\$14,999
		Total				\$14,999
Physics		Antosh,Michael P	National Institute of Health	Copper Cysteamine Nanoparticles: Radiation Enhancement and Novel Uses	\$402,865	\$402,865

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ARTS AND SCIENCES	Physics	Antosh,Michael P	National Institute of Health	Gene Expression Biodosimetry for NuclearReactors, Neutrons and Varying Ages	\$95,166	\$95,166
			University of Texas at Austin	Using pH-Sensitive Radiosensitizing Nanoparticles to Combine Radiotherapy, Oxidative therapy and Immunotherapy to Overcome Radioresistance on Cancer Treatment	\$154,284	\$107,999
		Reshetnyak,Yana	URI Research Foundation	Biophysical Measurements of pHLP-Cargo Interaction with Lipid Bilayer of Membrane	\$41,880	\$41,880
		Total				<b>\$647,910</b>
	Political Science	Johnson,Kristen A	National Science Foundation	RIDIR: Developing an Integrated Vulnerability Framework: Climate, Poverty, and Adaptability in Asian Megacities	\$1,236,672	\$494,669
		Johnson,Kristin	National Science Foundation	Mapping Climate Induced public Health Vulnerability in Megacities	\$401,633	\$200,817
		Pearson-Merkowitz,S..	National Science Foundation	SSIREP - RIDIR: Accessible Big Data for Interdisciplinary Social, Behavioral and Economic State Policy Research	\$1,482,660	\$296,532
		Rundlett,Ashlea P.	National Science Foundation	RIDIR: Developing an Integrated Vulnerability Framework: Climate, Poverty, and Adaptability in Asian Megacities	\$1,236,672	\$247,334
		Xu,Ping	US Department of State	Promoting Dialogue on Trade Relations and Democratic Values Between American and Chinese College Students	\$48,269	\$19,308
		Total				<b>\$1,258,659</b>
	Soc Sci Inst Res Edu Policy	Pearson-Merkowitz,S..	US of Office of Naval Research	SSIREP - Workplace for a Sustainable Future	\$149,985	\$59,994
		Total				<b>\$59,994</b>
	Sociology & Anthropology	Garcia-Quijano,Carlos	Mars Incorporated	Phase II & III Bontosua Coral Restoration Study	\$117,629	\$29,407

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ARTS AND SCIENCES	Sociology & Anthropology	Garcia-Quijano,Carlos	National Science Foundation	CI - Disaster Economics: the Moral and Political Economies of Sustainability in the US Caribbean	\$103,977	\$51,989
		Llorens,Hilda	National Science Foundation	CI - Disaster Economics: the Moral and Political Economies of Sustainability in the US Caribbean	\$103,977	\$51,989
		Total				\$133,384
	Total					\$20,646,932
COLLEGE OF BUSINESS ADMINISTRATION	Dean-Coll-Bus	Ashley,Christy	US Department of Agriculture	Public Relations to Communicate Scientific Research About Potential Health Benefits from Maple Products via a Network of Health Professionals, Producers, and Influential Consumers	\$500,000	\$250,000
		Total				\$250,000
	Faculty-Instruction	Warr,Lauren I	National Institute of Health	The Impact of Music on Consumer Health Choices	\$381,965	\$381,965
		Total				\$381,965
	Textiles,Fashion Merchandising	Goswami,Saheli	Cotton,Inc	Cotton: Past, Present, and Future	\$39,939	\$39,939
				Relearning the Innovative Cotton	\$23,382	\$23,382
		Strubel,Jessica L	National Eating Disorders Association	3D Body Scanning and Disordered Eating Evaluation and Intervention	\$94,075	\$47,038
			Rhode Island Council for the Humanities	One American Family: A Tale of North and South	\$6,824	\$3,412
RI Committee for Humanities			One American Family: A Tale of North and South	\$20,000	\$10,000	

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF BUSINESS ADMINISTRATION	Textiles,Fashion Merchandising	Welters,Linda	Rhode Island Council for the Humanities	One American Family: A Tale of North and South	\$6,824	\$3,412
			RI Committee for Humanities	One American Family: A Tale of North and South	\$20,000	\$10,000
			Total			\$137,182
	Total			\$769,147		
COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES	CEPS Strategic Initiatives	Mathews,Deborah	RI Dept of Human Services	Null	\$62,061	\$62,061
				RI Dept. of Human Services (DHS) Consult & Training Initiative	\$52,616	\$52,616
				RI Dept. of Human Services (DHS) Consult and Training Initiative	\$122,579	\$122,579
		Total			\$237,256	
	Dean CEPS	Brand,Susan T	PBS	Mixed Methods Approach to Investigating Science Knowledge, Skills, and Perceptions of preschoolers Who Engage with Multimodal Ready o Lear Content	\$296,879	\$37,110
		Hos,Rabia	Institute of Ecosystem Studies	Mentoring English Newcomers to Overcome, Resist and Excel (MENTORE)	\$1,398,224	\$699,112
		Murray,Kayon K	PBS	Mixed Methods Approach to Investigating Science Knowledge, Skills, and Perceptions of preschoolers Who Engage with Multimodal Ready o Lear Content	\$296,879	\$37,110
		Sweetman,Sara B	PBS	Mixed Methods Approach to Investigating Science Knowledge, Skills, and Perceptions of preschoolers Who Engage with Multimodal Ready o Lear Content	\$296,879	\$222,659
		Total			\$995,991	

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES	Education & Social Policy Res	Seitsinger, Anne	National Science Foundation	ESP URI Robert Noyce Teacher Scholarship Program	\$1,199,964	\$623,981
				ESP: URI Robert Noyce Teacher Scholarship Program Track 3: Master Teaching Fellowships Capacity Building	\$74,990	\$37,495
				Total		<b>\$661,476</b>
	School of Education	Adamy, Peter	Brady Education Foundation	Evaluating the Effectiveness of American Reading Company (ARC) in an Urban Community in RI	\$566,372	\$186,903
			Institute of Ecosystem Studies	Mentoring English Newcomers to Overcome, Resist and Excel (MENTORE)	\$1,398,224	\$349,556
		Brand, Susan	Jumpstart for Young Children, Inc.	Jumpstart 2019	\$18,523	\$9,262
		Byrd, David	National Science Foundation	ESP: URI Robert Noyce Teacher Scholarship Program Track 3: Master Teaching Fellowships Capacity Building	\$74,990	\$7,499
		Byrd, David M	Jumpstart for Young Children, Inc.	Jumpstart 2019	\$18,523	\$9,262
		Correia, Amy	Brady Education Foundation	Evaluating the Effectiveness of American Reading Company (ARC) in an Urban Community in RI	\$566,372	\$186,903
			Institute of Ecosystem Studies	Mentoring English Newcomers to Overcome, Resist and Excel (MENTORE)	\$1,398,224	\$349,556
			US Department of Education	CS4EL: Differentiated Computer Science Education for Middle School English Learners	\$0	\$0
		De Groot, Cornelis	National Science Foundation	ESP URI Robert Noyce Teacher Scholarship Program	\$1,199,964	\$95,997
		Deeney, Theresa	National Science Foundation	ESP URI Robert Noyce Teacher Scholarship Program	\$1,199,964	\$95,997

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES	School of Education	Fogleman Jr,Jay	National Science Foundation	ESP URI Robert Noyce Teacher Scholarship Program	\$1,199,964	\$95,997
				ESP: URI Robert Noyce Teacher Scholarship Program Track 3: Master Teaching Fellowships Capacity Building	\$74,990	\$7,499
				Investigating the Effects of Personalized, Inclusive, Smartphone-Based Experiments in Engineering Education	\$299,938	\$113,976
				Pre-Service Middle School Teacher Preparation for Teaching Computer Science	\$449,466	\$224,733
		Hos,Rabia	Brady Education Foundation	Evaluating the Effectiveness of American Reading Company (ARC) in an Urban Community in RI	\$566,372	\$192,566
		Peno,Kathleen	National Science Foundation	ESP URI Robert Noyce Teacher Scholarship Program	\$1,199,964	\$95,997
		Sweetman,Sara	National Science Foundation	ESP: URI Robert Noyce Teacher Scholarship Program Track 3: Master Teaching Fellowships Capacity Building	\$74,990	\$7,499
				Solve Together Fostering Participatory-Problem Solving Competencies in K-12 Students	\$299,894	\$59,979
		Tutwiler,M. Shane	National Science Foundation	Mixed-Reality Simulations to Augment Leaders’ Capabilities to Drive Equity and Inclusion in Higher Education	\$56,776	\$56,776
			University of Wisconsin, Madison	PurpleState 2.0: Investigating the Impact of a Virtual Internship on Argumentative Reading and Writing in Civic Education	\$49,344	\$49,344
		Total				\$2,195,301
		Total				\$4,090,024
COLLEGE OF ENGINEERING	Chemical Engineering	Akanda,Ali	NatAeronautics & Space Admin	From Mountain to Sea: Understanding Pathways of Change in the Eastern Himalayas Hydrosphere and Water Resources Availability in Downstream Deltas	\$941,119	\$941,119



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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ENGINEERING	Chemical Engineering	Andreu Blanco,Irene	Chan Zuckerberg Initiative	Nanoscale Imaging for the Life Sciences and Beyond	\$883,904	\$883,904
		Bose,Arijit	EaglePicher Technologies	Improvement of Life and Safety of High Power Lithium-Ion Batteries	\$106,666	\$16,000
			National Science Foundation	Communication and Advanced Materials at the Nexus of Energy and Water for Transformational Graduate Education	\$2,999,950	\$299,995
				MRI: Acquisition of a Scanning/Transmission Electron Microscope for Materials Research and Education	\$1,610,000	\$322,000
		Bothun,Geoffrey	National Science Foundation	Hydrogels with Nano-Structured Depots for Multiplexed, Optically Directed Drug Release	\$349,501	\$34,950
				Interfacial Accumulation and Colloidal Fate of Micro- and Nano-Plastics within the Sea Surface Microlayer	\$398,944	\$398,944
		Greenfield,Michael	Arizona State University	Computational Screening to Enhance Mechanical Properties of Sustainable Biobinder	\$73,593	\$73,593
				INSPIRE: Design and Engineering of Bio-Adhesives from Bio-Mass [was Effects of Biobinder Chemical Structure on Asphalt Mech Props]	\$35,422	\$35,422
		Gregory,Otto	ENrG, Inc	Ultra Thin Self Powered Sensors for UAV Applications	\$200,000	\$200,000
			Greene Tweed & Co., Inc.	RIFID for Bolt Identification with Sensing Capability	\$74,331	\$25,273
			National Science Foundation	A Distributed Chemical Sensing Network	\$398,608	\$39,861
			Pratt & Whitney	Evaluation of High Temperature Sensors for SiC-SiC Ceramic Matrix Composites	\$50,001	\$50,001
				Evaluation of High Temperature Sensors for SiCSiC Ceramic Matrix Composites	\$120,000	\$120,000

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ENGINEERING	Chemical Engineering	Gregory,Otto	RI Commerce Corporation	RFID for Bolt Identification with Sensing Capability	\$50,000	\$25,000
		Levine,Mindy	National Science Foundation	Communication and Advanced Materials at the Nexus of Energy and Water for Transformational Graduate Education	\$2,999,950	\$299,995
		Lucia,Angelo	National Science Foundation	Multi-Scale Thermodynamics of Glassy Materials	\$456,291	\$456,291
		Meenach,Samantha	National Science Foundation	CAREER: Development of Pulmonary Barrier Models for the Evaluation of Engineered Aerosol Nanocomposite Microparticles	\$528,665	\$528,665
				Communication and Advanced Materials at the Nexus of Energy and Water for Transformational Graduate Education	\$2,999,950	\$1,799,970
		Meenach,Samantha A	Ocean State Research Institute,Inc	Role of Endothelial Anoctamin-1 Pulmonary Arterial Hypertension	\$111,047	\$111,047
		Rivero-Hudec,Merced..	Brown University	Critical Habits on Earth and Mars: Acid Drainage from Mafic Rock Weathering	\$15,000	\$7,500
		Roxbury,Daniel	National Institute of Health	Hydrogels with Nano-Structured Depots for Multiplexed, Optically Directed Regulation of Cell Behaviors	\$558,060	\$558,060
			National Science Foundation	CAREER: Spectral Imaging for Sub-Cellular Nanometrology and Nanotoxicology	\$500,000	\$500,000
				Hydrogels with Nano-Structured Depots for Multiplexed, Optically Directed Drug Release	\$349,501	\$209,701
Total					\$7,937,290	
	Civil and Environmental Engine	Akanda,Ali	John Hopkins University	Intelligent Cooperation of a Heterogeneous Satellite Swarm for Disasters and Public Health Emergencies	\$222,450	\$222,450
			National Science Foundation	CAREER: Research and Education on the Impacts of Rapid Urbanization and Changing Climate-Water-Health Nexus on Environmental Sustainability in Emerging Megacities	\$500,231	\$500,231

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ENGINEERING	Civil and Environmental Engine	Akanda,Ali	National Science Foundation	Mapping Climate Induced public Health Vulnerability in Megacities	\$401,633	\$200,817
				RIDIR: Developing an Integrated Vulnerability Framework: Climate, Poverty, and Adaptability in Asian Megacities	\$1,236,672	\$494,669
		Bradshaw,Aaron	Deep Foundations Institute	Cyclic Axial Behavior of Driven Piles for Offshore Wind Jacket Structures	\$31,441	\$31,441
		Bradshaw,Aaron S.	RI Coastal Res Mgt.Council	Block Island Structural Monitoring Program	\$597,852	\$197,291
		Craver,Vinka	National Science Foundation	MRI: Acquisition of a Scanning/Transmission Electron Microscope for Materials Research and Education	\$1,610,000	\$322,000
				Solve Together Fostering Participatory-Problem Solving Competencies in K-12 Students	\$299,894	\$104,963
				Understanding the Mechanism of Bacteria-Nanomaterial Interactions Using Genome-Scale Models of Metabolic Networks	\$389,065	\$233,439
			RI Science and Technology Advisory Counc	Assessment of Biofilm Communities and Biomolecular Composition and Microbial Diversity in Continuous and Fragmented Environments	\$79,918	\$79,918
			The Water Research Foundation	Assessment of Microbial Adaptation to Chronic Disinfectant Exposure	\$86,493	\$51,896
			US Dept of Commerce NOAA	CI - Characterizing Community-Level Plastic Exposure in a Model Bay Ecosystem Using Raman Spectroscopy and Molecular Isotope Geochemistry	\$297,699	\$29,770
		Craver,Vinka A	National Science Foundation	Communication and Advanced Materials at the Nexus of Energy and Water for Transformational Graduate Education	\$2,999,950	\$299,995
		Das,Sumanta	Arizona State University	An Iron Carbonate Binder Framework for Enhanced Concrete Durability and Sustainability	\$149,492	\$149,492
			National Science Foundation	advancing Next Generation of Hybrid, High-Volume Fly Ash Geopolymers: Experiments and Molecular Dynamics Simulations to Bridge Fundamental Knowledge Gaps	\$308,708	\$308,708

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ENGINEERING	Civil and Environmental Engine	Gindy,Mayrai	RI Dept. of Transportation	Vision-Based Detection of Bridge Damage Captured by Unmanned Aerial Vehicles	\$183,846	\$45,962
		Goodwill,Joseph	The Water Research Foundation	Assessment of Microbial Adaptation to Chronic Disinfectant Exposure	\$86,493	\$34,597
			US Dept of Interior	Co-Treatment of Acid Mine Drainage in Municipal Wastewater Plants with Return Activated Sludge for Enhanced Nutrient and Metals Removal	\$199,045	\$199,045
			US Geological Survey	2019 Water Resource Grant	\$92,335	\$21,791
		Hunter,Christopher	RI Dept. of Transportation	TRIP: Self-Sensing Pavement for Autonomous Vehicle	\$174,777	\$69,911
			Rutgers University	Safety and Operational Performance of Autonomous Vehicles at Roundabouts	\$856,217	\$856,217
			US Geological Survey	2019 Water Resource Grant	\$92,335	\$8,310
		Lee,Kang-Won	Ohio State University	Low Temperature Performance Evaluation of Asphalt Mixes Using Thermo-Volumetric Test	\$59,653	\$59,653
			RI Dept. of Transportation	TRIP: Self-Sensing Pavement for Autonomous Vehicle	\$174,777	\$69,911
			University of Maine	Framework of Asphalt Balanced Mix Design for New England Transportation Agencies	\$119,999	\$119,999
		Thiem,Leon	US Geological Survey	2019 Water Resource Grant	\$92,335	\$40,627
		Tsiatas,George	URI Research Foundation	Characterization and Modeling of Drop Stitch Panels - Summer 2019	\$16,392	\$5,409
			US of Office of Naval Research	Deformation and Failure Mechanics of Inflated Drop Stitch Fabric Panels	\$226,349	\$113,175

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ENGINEERING	Civil and Environmental Engine	Total				<b>\$4,871,686</b>
	Dean Engineering	He,Haibo	National Science Foundation	Collab. Research: Autonomous Hierarchical Adaptive Dynamic Programming for Decision Making in Complex Environment	\$222,703	\$222,703
		Total				<b>\$222,703</b>
	Elec, Computer & Bio Engr	Besio,Walter	National Institute of Health	Neurosimulation Device Development for Deep Structures Implicated In Obsessive-Compulsive Disorders	\$1,155,304	\$1,155,304
			National Science Foundation	CHS: Medium: Collab. Research: Reliable Control of Assistive Robots Using Brain-Computer Interfaces with Tripolar EEG Electrodes and Synergistic Learning Between Human and Robot	\$551,244	\$551,244
				Collab. Research: Counteracting Inattention Using Rapid Classification of Electroencephalography Patterns	\$564,892	\$564,892
				Collab. Research: Developing Underwater EEG Electrodes for Octopus Research	\$99,999	\$99,999
				NCS-FR: Collab. Research: Underwater EEG in Humans, Octopuses and Dolphins	\$2,547,330	\$2,547,330
		Fischer,Godi	Greene Tweed & Co., Inc.	RIFID for Bolt Identification with Sensing Capability	\$74,331	\$24,529
			US Dept of Commerce NOAA	CI - Novel Tags to Track American Lobster Movements in a Warming Gulf of Maine	\$420,670	\$84,134
		He,Haibo	National Science Foundation	Cooperative Agreement: Distributed Learning and Collaborative Decision Making for Human-Robot Interaction	\$424,989	\$424,989
		Kennedy,Stephen	National Science Foundation	CAREER: Tunable Material Frequency-Responses for Remotely and Dynamically Regulating Deliveries	\$500,000	\$500,000
				Hydrogels with Nano-Structured Depots for Multiplexed, Optically Directed Drug Release	\$349,501	\$104,850

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ENGINEERING	Elec, Computer & Bio Engr	Li,Bin	National Science Foundation	CAREER: Towards Efficient Wireless Networks for Collaborative Mixed Reality	\$499,794	\$499,794
				MRI: Acquisition of a High-Performance Computing and Data Storage System for Integrated Marine Omics	\$1,208,801	\$181,320
				Toward a Theoretical Foundation for Optimizing Information Freshness in Mobile Crowd-Learning	\$250,000	\$250,000
		Mankodiya,Kunal	Johnson & Johnson	Validation and Characterization of Specialized Smart Wearables against an optical MoCap System for Human Gait and Mobility	\$171,982	\$85,991
			National Science Foundation	CAREER Research Experiences for Undergraduate (REU) Supplement	\$16,000	\$16,000
				Fusing Brain and Body Information to Quantify Motor Signatures of Parkinson's Disease	\$299,954	\$104,984
				IIHI - Anxiety Care: A Clinically-Reliable mHealth Ecosystem with Day-Night Fusion Analytics for Teen Anxiety Disorders	\$1,199,192	\$719,515
				NCS-FO: Understanding Auditory Processing through a Multimodal Neural Recording-Stimulating Framework	\$756,904	\$151,381
				PFI: TT: KAYA: Smart Gloves as a Telemedicine Solution - From Lab to Market	\$249,801	\$249,801
				Solve Together Fostering Participatory-Problem Solving Competencies in K-12 Students	\$299,894	\$44,984
			RI Commerce Corporation	A Smart Textile RFID Technology for Smart Cities	\$50,000	\$50,000
			RI Hospital	Translating a Dementia Caregiver Intervention into a Mobile Application	\$175,937	\$175,937
			US of Office of Naval Research	SSIREP - Workplace for a Sustainable Future	\$149,985	\$14,999

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ENGINEERING	Elec, Computer & Bio Engr	Sarma,Ashwin	US of Office of Naval Research	NIUVT: 2019 Underwater Acoustic Signal Processing Workshop	\$8,000	\$6,000
		Sendag,Resit	National Science Foundation	FoMR: Informed Hardware Predictors	\$499,472	\$499,472
				MRI: Acquisition of a High-Performance Computing and Data Storage System for Integrated Marine Omics	\$1,208,801	\$181,320
		Shahriari PhD,Yalda	National Science Foundation	A Hybrid Brain-Computer Interface for Long-Term Use by Patients with Severe Motor Deficit: Towards Development of Personalized Algorithms	\$249,634	\$249,634
		Shahriari,Yalda	National Science Foundation	CAREER: Personalized Multimodal Brain-Computer Interfaces for Long-Term Use by Patients with Severe Motor Deficit	\$535,845	\$535,845
				CHS: Small: Collab. Research: A Hybrid Brain-Computer Interface Guided by a Graph-Theoretical Multimodal Data Fusion Framework	\$298,636	\$298,636
				Fusing Brain and Body Information to Quantify Motor Signatures of Parkinson’s Disease	\$299,954	\$194,970
				NCS-FO: Understanding Auditory Processing through a Multimodal Neural Recording-Stimulating Framework	\$756,904	\$605,523
			RI Commerce Corporation	Null	\$49,879	\$49,879
		Stegagno,Paolo	American AG Energy, Inc.	Automatic Tomato Harvesting in Controlled Environment Greenhouses	\$0	\$0
Dartmouth College	RII Track-2 FEC: Computational Methods and Autonomous Robotics Systems for Modeling and predicting Harmful Cyanobacterial Blooms		\$945,360	\$321,422		
National Science Foundation	An Aerial Personal Assistant with Physical Human UAV Interaction Capabilities		\$713,332	\$356,666		
	Collab. Research: Enhancing Human-Machine Interaction for Intelligent Control of Semi-Autonomous Multi-Robots	\$599,835	\$299,918			

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ENGINEERING	Elec, Computer & Bio Engr	Stegagno,Paolo	National Science Foundation	RII Track-2 FEC: Computational Methods and Autonomous Robotics Systems for Modeling and Predicting Harmful Cyanobacterial Blooms	\$945,360	\$321,422
			RI Dept. of Transportation	Vision-Based Detection of Bridge Damage Captured by Unmanned Aerial Vehicles	\$183,846	\$45,962
			The Nature Conservancy	Unmanned Aerial Systems for characterization of Dune Morphology	\$15,350	\$5,066
			US of Office of Naval Research	SSIREP - Workplace for a Sustainable Future	\$149,985	\$14,999
		Sun,Yan	National Science Foundation	IIHI - Anxiety Care: A Clinically-Reliable mHealth Ecosystem with Day-Night Fusion Analytics for Teen Anxiety Disorders	\$1,199,192	\$239,838
		Vaccaro,Richard	US of Office of Naval Research	NIUVT: 2019 Underwater Acoustic Signal Processing Workshop	\$8,000	\$2,000
		Wei,Tao	Brown University	Development of a Space-Deployable Dual-Mode LiDAR for Planetary Seismology	\$711,183	\$355,592
	Greene Tweed & Co., Inc.		RIFID for Bolt Identification with Sensing Capability	\$74,331	\$24,529	
	National Science Foundation		A Distributed Chemical Sensing Network	\$729,784	\$689,923	
			Reflex Tree - A New Computer and Communication Architecture for Future Smart Cities	\$15,769	\$15,769	
			Transmission Line Physical Unclonable Key for Secured Communication Applications	\$1,212,943	\$1,091,649	
	RI Commerce Corporation		RFID for Bolt Identification with Sensing Capability	\$50,000	\$25,000	
	URI Research Foundation		Simulation Measurements and Analysis Testing of PCIe SSD Cards	\$78,196	\$78,196	



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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
<b>COLLEGE OF ENGINEERING</b>	Elec, Computer & Bio Engr	Wei,Tao	US of Office of Naval Research	Acquisition of a Deep U Laser Fabrication Station for the Research of Sub-Terahertz-Range-Interrogated Fiber-Optic Systems Towards Distributed Sensing Applications	\$110,000	\$110,000
		Yang,Qing	National Science Foundation	Transmission Line Physical Unclonable Key for Secured Communication Applications	\$1,212,943	\$121,294
		Total				<b>\$15,342,501</b>
	Mech., Ind., Sys. Engineering	Faghri,Mohammad	United States Army	Paper-Based Enzyme Immunoassays for Diagnosis of Acute Febrile Illnesses in Limited-Resource Settings	\$2,121,605	\$636,482
		Jouaneh,Musa	National Science Foundation	Investigating the Effects of Personalized, Inclusive, Smartphone-Based Experiments in Engineering Education	\$299,938	\$113,976
			RI Commerce_Corporation	Automation of a Brick Joining Process	\$50,000	\$50,000
		Macht,Gretchen	National Science Foundation	Solve Together Fostering Participatory-Problem Solving Competencies in K-12 Students	\$299,894	\$44,984
			US of Office of Naval Research	SSIREP - Workplace for a Sustainable Future	\$149,985	\$14,999
		Maier Speredelozzi,Valerie	RI Dept. of Transportation	Null	\$151,946	\$75,973
		Nassersharif,Bahram	Triad National Security, LLC	Nuclear Fuel Handling	\$7,675	\$7,675
		Shukla,Arun	Naval Undersea Warfare Center	Arctic and Low Temperature Effects on the Mechanical, Fracture, and Acoustic Behaviors of Thermoset Fiber Reinforced Plastic (FRP) Composite Laminates	\$15,000	\$15,000
				NIUVT - Performance of Elastomeric Coatings and Coated Structures Subjected to Long Term Seawater Submersion, UV Radiation, and Arctic Temperatures under Extreme Loading Conditions	\$299,690	\$299,690
			University of Connecticut STORRS	NIUVT: Accelerating Innovation in Under Water Vehicles Technology	\$1,637,587	\$1,637,587

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ENGINEERING	Mech., Ind., Sys. Engineering	Shukla,Arun	US of Office of Naval Research	NIUVT - Ultra-High Speed Digital Cameras for Investigating Complex Phenomena in Underwater Shock, Air Blalst and Dynamic Loadings	\$269,420	\$269,420
		Sodhi,Manbir Singh	US of Office of Naval Research	SSIREP - Workplace for a Sustainable Future	\$149,985	\$14,999
		Taggart,David	URI Research Foundation	Characterization and Modeling of Drop Stitch Panels - Summer 2019	\$16,392	\$10,983
			US of Office of Naval Research	Deformation and Failure Mechanics of Inflated Drop Stitch Fabric Panels	\$226,349	\$113,175
		Wang,Jyh-Hone	RI Dept. of Transportation	Null	\$151,946	\$75,973
				Analyzing the Correlations Among Pavement Cross Slope, Pavement Texture and Wheel Path Rutting with Wet Weather Skidding Accidents	\$63,023	\$63,023
		Yuan,Chengzhi	American AG Energy, Inc.	Automatic Tomato Harvesting in Controlled Environment Greenhouses	\$0	\$0
			National Institute of Health	Gait BioDynamics: A Novel Non-Invasive Mechanism for Smart Diagnosis and Assessment of Parkinson's Disease	\$353,024	\$353,024
			National Science Foundation	An Aerial Personal Assistant with Physical Human UAV Interaction Capabilities	\$713,332	\$356,666
				Collab. Research: Enhancing Human-Machine Interaction for Intelligent Control of Semi-Autonomous Multi-Robots	\$599,835	\$299,918
				Collaborative Research: Towards Accurate and Efficient Dynamics Modeling and Control for Soft Robots in Unstructured Environments	\$445,618	\$222,809
				CRII: RI: Human-Inspired Dynamical Pattern-Based Intelligent Learning, Recognition and Control for Smarat Robotic Systems	\$174,957	\$174,957
				FW-HTF-P: Collab. Research: Enhancing Human Machine Interaction for Intelligent Control of Semi-Autonomous Multi-Robots	\$52,988	\$52,988

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ENGINEERING	Mech., Ind., Sys. Engineering	Yuan,Hongyan	National Science Foundation	Collaborative Research: Towards Accurate and Efficient Dynamics Modeling and Control for Soft Robots in Unstructured Environments	\$445,618	\$222,809
				Mechanobiology of Ex Vivo T Cell Activation Using Soft Antigen Presenting Particles	\$322,820	\$322,820
			RI Hospital	Tumor Penetrating Lipid Nanotherapeutics with Tailored Properties for Improved Treatment of Glioblastoma	\$1,498,980	\$0
			US of Office of Naval Research	A Hybrid Physics=Based and Data-Driven Modeling Approach for Highly Dexterous Soft Robots	\$507,057	\$507,057
		Zheng,Yi	RI Science and Technology Advisory Counc	Real-Time Health Assessment of Narragansett Bay: Co-Visualization of Ecological Data from an Autonomous Surface Vessel and Citizen Scientists to Monitor Harmful Algal Blooms and Shellfish Ecology	\$80,000	\$40,000
		Total				\$5,996,985
	Ocean Engineering	Baxter,Christopher	National Fish and Wildlife Foundation	Improving Coastal Resilience and Habitat through Pond-to-Beach Sediment Restoration, South-Coast, RI	\$171,478	\$17,148
			National Science Foundation	Fragility Analysis of Reinforced Dunes for Improving Resiliency of Coastal Communities	\$387,102	\$193,551
			RI Coastal Res Mgt.Council	Block Island Structural Monitoring Program	\$597,852	\$203,270
			The Nature Conservancy	Unmanned Aerial Systems for characterization of Dune Morphology	\$15,350	\$5,066
		Crean,Teresa	National Fish and Wildlife Foundation	Improving Coastal Resilience and Habitat through Pond-to-Beach Sediment Restoration, South-Coast, RI	\$171,478	\$12,861
		Dahl,Jason	National Science Foundation	Interaction of Wave, Surge and Structure Through and Around an Array of Buildings	\$199,710	\$69,899
				Planning IUCRC [University of Rhode Island]: Center for Ocean System Simulation and Control	\$30,000	\$17,250

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ENGINEERING	Ocean Engineering	Dahl,Jason	Tennessee Technical University	An Offshore Power-Generating Energy Storage Plant	\$195,585	\$97,793
		Grilli,Annette	National Fish and Wildlife Foundation	Improving Coastal Resilience and Habitat through Pond-to-Beach Sediment Restoration, South-Coast, RI	\$171,478	\$19,291
			National Science Foundation	Assessing Flood Risk and Building Coastal Resilience Using and Applying Big Data	\$5,999,996	\$1,601,999
				Fragility Analysis of Reinforced Dunes for Improving Resiliency of Coastal Communities	\$387,102	\$193,551
			NESEC	United States East Coast Tsunami Hazard Mitigation Program	\$120,419	\$60,210
		Grilli,Stephan	National Fish and Wildlife Foundation	Improving Coastal Resilience and Habitat through Pond-to-Beach Sediment Restoration, South-Coast, RI	\$171,478	\$19,291
			National Science Foundation	Assessing Flood Risk and Building Coastal Resilience Using and Applying Big Data	\$5,999,996	\$1,199,999
				Interaction of Wave, Surge and Structure Through and Around an Array of Buildings	\$199,710	\$39,942
				Planning IUCRC [University of Rhode Island]: Center for Ocean System Simulation and Control	\$30,000	\$8,250
			NESEC	United States East Coast Tsunami Hazard Mitigation Program	\$120,419	\$60,210
		Hashemi,S. M. Reza	National Fish and Wildlife Foundation	Improving Coastal Resilience and Habitat through Pond-to-Beach Sediment Restoration, South-Coast, RI	\$171,478	\$38,583
			National Science Foundation	Assessing Flood Risk and Building Coastal Resilience Using and Applying Big Data	\$5,999,996	\$797,999
				Interaction of Wave, Surge and Structure Through and Around an Array of Buildings	\$199,710	\$89,870

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ENGINEERING	Ocean Engineering	Hashemi,S. M. Reza	RI Science and Technology Advisory Council	Understanding and Simulating the Impact of Historical Mill Dam-break/Dam-Removals on the Health of Narragansett Bay	\$80,000	\$40,000
			Tennessee Technical University	An Offshore Power-Generating Energy Storage Plant	\$195,585	\$97,793
		Hu,Sau-Lon	RI Coastal Res Mgt. Council	Block Island Structural Monitoring Program	\$597,852	\$197,291
		Licht,Stephen	Electro Standards Laboratories	UUV Battery Management for Energy Efficient Depth Control and Station Keeping	\$49,667	\$49,667
			NAVSEA	Control of Autonomous Underwater Vehicles in Stratified Fluids and Near Surface Operations	\$354,929	\$354,929
				Soft Robotics for Body Morphing and Active Intervention in Underwater Vehicles	\$354,929	\$354,929
		Licht,Stephen C	The Nature Conservancy	Unmanned Aerial Systems for characterization of Dune Morphology	\$15,350	\$5,219
		Licht,Steven M	Dartmouth College	RII Track-2 FEC: Computational Methods and Autonomous Robotics Systems for Modeling and predicting Harmful Cyanobacterial Blooms	\$945,360	\$311,969
			National Science Foundation	Planning IUCRC [University of Rhode Island]: Center for Ocean System Simulation and Control	\$15,000	\$4,500
				RII Track-2 FEC: Computational Methods and Autonomous Robotics Systems for Modeling and Predicting Harmful Cyanobacterial Blooms	\$945,360	\$311,969
			RI Dept. of Transportation	Vision-Based Detection of Bridge Damage Captured by Unmanned Aerial Vehicles	\$183,846	\$45,962
		Miller,James	Brown University	Development of a Space-Deployable Dual-Mode LiDAR for Planetary Seismology	\$711,183	\$177,796
			Deepwater Wind LLC	passive Acoustic Monitoring in the Gulf of Mexico	\$240,000	\$80,016

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ENGINEERING	Ocean Engineering	Miller, James	HDR / e2M	Acoustic Monitoring of the Maryland and Virginia Offshore Wind Farms	\$22,525	\$11,262
		Miller, James H	National Science Foundation	CPS: Medium: Collaborative Research: Cyber-Physical Approach to Wireless Underwater Network Design	\$600,000	\$300,000
			Normandeau and Associates	Detection and Classification of Acoustic Signals	\$78,420	\$39,210
			US of Office of Naval Research	Seismoacoustic Sensor System for Low Frequency Seabed Characterization	\$170,471	\$85,236
		Miller, Thomas	US of Office of Naval Research	The Effects of the Seafloor on Low Frequency Acoustic Propagation in Shallow Water and Implications for Sonar System Performance	\$1,500,000	\$750,000
		Phillips, Brennan	Creare LLC	ROV Visualization System	\$64,200	\$32,100
			National Science Foundation	CI - Collab. Research: Reconstructing Fifty Years of Climate-Driven Nutrient-Plankton-Ichthyoplankton Dynamics in the Gulf of Maine Using Compound-Specific Isotope Analysis	\$654,980	\$65,498
				Collab. Research: A Cable-Guided Vertical Profiler for Concurrent Physical, Acoustic, and Visual Characterization of Mesopelagic Ecosystems	\$885,250	\$265,575
			Research Foundation of CUNY/ CUNYASRC	Discovery of Medically-Relevant Fluorescent Molecules from Mesophotic Marine Organisms	\$18,059	\$18,059
		Potty, Gopu	Brown University	Development of a Space-Deployable Dual-Mode LiDAR for Planetary Seismology	\$711,183	\$177,796
			Deepwater Wind LLC	passive Acoustic Monitoring in the Gulf of Mexico	\$240,000	\$79,992
			HDR / e2M	Acoustic Monitoring of the Maryland and Virginia Offshore Wind Farms	\$22,525	\$11,262
			National Science Foundation	CPS: Medium: Collaborative Research: Cyber-Physical Approach to Wireless Underwater Network Design	\$600,000	\$300,000

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF ENGINEERING	Ocean Engineering	Potty,Gopu	Normandeau and Associates	Detection and Classification of Acoustic Signals	\$78,420	\$39,210
			US of Office of Naval Research	Seismoacoustic Sensor System for Low Frequency Seabed Characterization	\$170,471	\$85,236
				The Effects of the Seafloor on Low Frequency Acoustic Propagation in Shallow Water and Implications for Sonar System Performance	\$1,500,000	\$750,000
		Spaulding,Malcolm L	National Fish and Wildlife Foundation	Improving Coastal Resilience and Habitat through Pond-to-Beach Sediment Restoration, South-Coast, RI	\$171,478	\$17,148
	Van Uffelen,Lora		Deepwater Wind LLC	passive Acoustic Monitoring in the Gulf of Mexico	\$240,000	\$79,992
			HDR / e2M	Seaglider Deployments for Passive Acoustic Monitoring in the Gulf of Mexico	\$289,507	\$289,507
			National Science Foundation	Detection the Presence and Impact of Tourist Vessel Navigation Using Archived Data Sources and a Co-Produced Observing System to Study Implications for Indigenous Communities and Environmental Governan..	\$1,284,543	\$256,909
			New York University	NNA Track 1: Acoustic Gliders Under Ice	\$188,744	\$188,744
			Undersea Technology Innovation Consortiu	Acoustic Response of Coral Reef Biota to Underwater Vehicle Traffic and Disturbance	\$899,999	\$899,999
			Total			
Total				\$45,891,966		
COLLEGE OF HEALTH SCIENCES	Cancer Prevention Res. Ctr	Redding,Colleen A	VA Connecticut Healthcare System	Promoting Advance Care Planning as a Healthy Behavior	\$38,863	\$38,863
		Total				\$38,863

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF HEALTH SCIENCES	Communicative Disorders	Mahler,Leslie	LSVT Global	LSVT Big Exercise Induced Neuroplasticity with Patients with Parkinson's Disease	\$1,500	\$1,500
		Total				<b>\$1,500</b>
	Dean Health Sciences	Kisler,Tiffani	William T Grant Foundation	Investigating the Influence of Cyber-Digital Relationship Aggression on Adolescent Health and Relationship Outcomes	\$49,922	\$24,961
		Quilliam,Brian	Exec.Office of Health and Human Services	IIHI - Interprofessional Education and Practice Initiative (IPEPI)	\$616,828	\$308,414
		Total				<b>\$333,375</b>
	Gerontology	Clark,Phillip	Exec.Office of Health and Human Services	IIHI - Interprofessional Education and Practice Initiative (IPEPI)	\$616,828	\$308,414
			US Dep of Health & Human Svcs	RI Geriatrics Workforce Enhancement Program (2)	\$3,750,000	\$2,437,500
		Total				<b>\$2,745,914</b>
	Health Studies	Greaney,Mary L	Rhode Island College	IIHI - Building Health Literacy Skills in RI (YR 2)	\$21,177	\$21,177
			South County Hospital	Null	\$13,000	\$9,100
				Behavioral Health Assessment	\$13,000	\$9,100
			US Dep of Health & Human Svcs	RI Geriatrics Workforce Enhancement Program (2)	\$3,750,000	\$187,500
		Sabik,Natalie	National Eating Disorders Association	3D Body Scanning and Disordered Eating Evaluation and Intervention	\$94,075	\$47,038



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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF HEALTH SCIENCES	Health Studies	Total				\$273,915
	Human Development & Family Stu	Adams-Labonte,Sue	National Science Foundation	IIHI - Anxiety Care: A Clinically-Reliable mHealth Ecosystem with Day-Night Fusion Analytics for Teen Anxiety Disorders	\$1,199,192	\$239,838
		Adams,Susan T	RI Dept of Human Services	URI Preschool Development Grant - Birth through Age Five	\$193,124	\$135,187
		Jennings,Karen	Exec.Office of Health and Human Services	IIHI - Developing Simulations and Training to Enhance Motivational Interviewing Skills in Behavioral and Primary Health Care Among Nurses	\$199,995	\$99,998
		MacLeod,Jessica	RI Dept of Human Services	URI Preschool Development Grant - Birth through Age Five	\$193,124	\$57,937
		Mccurdy,Karen	RI Parent Information Network	Change in Family Outcomes Among EI Families	\$17,902	\$17,902
			South County Hospital	Null	\$13,000	\$3,900
				Behavioral Health Assessment	\$13,000	\$3,900
		Saint-Eloi Cadely,Hans	William T Grant Foundation	Investigating the Influence of Cyber-Digital Relationship Aggression on Adolescent Health and Relationship Outcomes	\$49,922	\$24,961
		Total				\$583,623
	Kinesiology	Adami,Alessandra	American Thoracic Society	IIHI - Determinants of 5-year Progression of Muscle Dysfunction and Inactivity in COPD Patients	\$40,000	\$40,000
			Brown University	IIHI - Can Exercise Restore Muscle Oxidative Capacity in COPD Patients? A Randomized Controlled Trial	\$20,723	\$20,723
			University of California, Los Angeles	IIHI - Determinants of 5-year Progression of Muscle Dysfunction and Inactivity in COPD Gene Participants	\$938,685	\$938,685

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF HEALTH SCIENCES	Kinesiology	Bohlen,Lauren	Brown University	IIHI - Improving Dissemination of Technology-Delivered Physical Activity Interventions	\$414,037	\$414,037
		D'Andrea,Susan	Johnson & Johnson	Validation and Characterization of Specialized Smart Wearables against an optical MoCap System for Human Gait and Mobility	\$171,982	\$51,595
		Delmonico,Matthew	MODUS Tech-Wear LLC	IIHI - WalkSmart: Age-Friendly Smart Ankle Wearable for Continuous Assessment of Gait Parameters	\$53,160	\$53,160
		Delmonico,Matthew J	Johnson & Johnson	Validation and Characterization of Specialized Smart Wearables against an optical MoCap System for Human Gait and Mobility	\$171,982	\$34,396
		Earp,Jacob	National Strength & Conditioning Assoc	The Effects of Contrast Therapy on Exercise Recovery	\$24,000	\$24,000
			URI Research Foundation	The Effects of Contrast Therapy on Exercise Recovery	\$123,306	\$86,314
		Hatfield,Disa	URI Research Foundation	The Effects of Contrast Therapy on Exercise Recovery	\$123,306	\$12,331
		Lateef,Shabnam	URI Research Foundation	The Effects of Contrast Therapy on Exercise Recovery	\$123,306	\$24,661
		Piepmeier,Aaron	National Institute of Health	IIHI - Lifelong Improvements in Food, Exercise, & Within-Meal Eating Behaviors (The LIFE WEB Study)	\$404,068	\$40,407
		Total				<b>\$1,740,309</b>
	Nutrition & Food Sciences	Amin,Sarah	Brown University	IIHI - BEARS: A Behavioral Economics Approach for Reducing Sedentary Behaviors in Low-Income Schoolchildren	\$39,604	\$39,604
			RI Dept of Human Services	IIHI - RI SNAP Ed	\$1,295,790	\$647,895
		Amin,Sarah A	RI Department of Health	IIHI - Expanding Youth Sports Opportunities to Underserved Adolescents	\$59,364	\$59,364

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF HEALTH SCIENCES	Nutrition & Food Sciences	Amin,Sarah A	US Department of Agriculture	IIHI - A Multi-Level Youth Out-of-School Intervention Stemming From Foods	\$639,992	\$319,996
		Balestracci,Kate	RI Department of Education	Child & Adult Care Food Training Coordinator	\$85,099	\$85,099
			RI Dept of Human Services	IIHI - RI SNAP Ed	\$1,295,790	\$647,895
		Balestracci,Kate R	US Department of Agriculture	IIHI - A Multi-Level Youth Out-of-School Intervention Stemming From Foods	\$639,992	\$319,996
		English,Catherine	RI Department of Corrections	IIHI - URI Dept. of Corrections Nutrition Education Proposal	\$92,322	\$92,322
		Greene,Geoffrey	UMass Medical School	Increasing Critical Thinking-Related to Sustainable Eating Behavior Choices in College Students	\$9,875	\$2,469
		Greene,Jeffrey R	National Institute of Health	IIHI - Lifelong Improvements in Food, Exercise, & Within-Meal Eating Behaviors (The LIFE WEB Study)	\$404,068	\$40,407
		Kirby,John	US Department of Agriculture	Null	\$386,077	\$386,077
		Lofgren,Ingrid	URI Research Foundation	Longvida Curcumin Human Pharamcokinetics (PK) Study	\$5,581	\$0
		Melanson,Kathleen	Intrntl Nut & Dried Fruit Council	IIHI - The HAPPEN Study (Health and Prebiotic-Postbiotic Effects of Nuts)	\$196,947	\$196,947
			National Institute of Health	IIHI - Lifelong Improvements in Food, Exercise, & Within-Meal Eating Behaviors (The LIFE WEB Study)	\$404,068	\$282,848
		Melanson,Kathleen J	Academy of Nutrition and Dietetics Found	IIHI - The PAVE (Postbiotic Advantages of Vegetarian Eating) Study	\$9,999	\$9,999
			American Pecan Council	IIHI - The SWAP Project (Satiety and Weight Advantages of Pecans)	\$450,000	\$450,000

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF HEALTH SCIENCES	Nutrition & Food Sciences	Oaks,Brietta	University of California at Davis	Neural Mechanisms of Protective Effects of Early Nutrition on the Development of Social-Emotional Difficulties among Children in Disadvantaged Home Environments in Ghana	\$431,117	\$431,117
		Oaks,Brietta M	Brown University	IIHI - Omega-3 Fatty Acid Intake, Cortisol, and Blood Lead Levels During Pregnancy	\$110,291	\$110,291
		Tovar,Alison	Brown University	IIHI - Assessing Infant Nutrition and Physical Activity Environments and Behaviors in Home-Based Childcare	\$363,558	\$363,558
			Exec.Office of Health and Human Services	IIHI - Developing Simulations and Training to Enhance Motivational Interviewing Skills in Behavioral and Primary Health Care Among Nurses	\$199,995	\$99,998
			Pennsylvania State University	Sustainable Approach for Improving Responsive Feeding (RF) to Reduce Food Waste and Prevent Childhood Obesity in rural Low-Income Households	\$299,557	\$299,557
			University of California Riverside	IIHI - Addressing Early Childhood Obesity in Low-Income Families	\$176,947	\$176,947
			University of Connecticut STORRS	IIHI - Have the New CACFP Guidelines had an impact on the Nutritional Quality of Foods Served by Providers and Consumed by Preschool Children in Family Childcare Homes?	\$15,886	\$15,886
		Vadiveloo,Maya	Brown University	IIHI - Development of a Machine-Learning Based Platform to Improve the Diet Quality of Grocery Purchases	\$401,433	\$401,433
		Total				<b>\$5,479,704</b>
	Physical Therapy	Hulme,Janice B	US Dep of Health & Human Svcs	RI Geriatrics Workforce Enhancement Program (2)	\$3,750,000	\$187,500
		Roush,Susan	US Dep of Health & Human Svcs	RI Developmental Disabilities Council	\$482,169	\$482,169
		Total				<b>\$669,669</b>
	Psychology	Breines,Juliana	National Science Foundation	Effects of self-Compassion on Performance in Social Evaluative Contexts	\$334,142	\$334,142

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF HEALTH SCIENCES	Psychology	Redding, Colleen A	Exec. Office of Health and Human Services	IIHI - Teaching Integrated Team Care Management Skills for Working with High Risk Populations to Undergraduate Workforce Community	\$158,404	\$158,404
		Robinson, John K	BrightFocus Foundation	RI - Targeting Brain Blood Vessels: A New Approach for Improved Cognition in Alzheimer's	\$300,000	\$0
			Yale University	RI - Novel Models for Cerebral Amyloid Angiopathy Type 1 and 2: Impact of Hypertensive Arteriopathy	\$1,862,418	\$279,363
		Skierkowski, Dorothy	RI Dept of Behavioral Healthcare, Develop	IIHI - Evaluation of Rhode Island Partnerships for Success (2018) Initiative	\$1,452,604	\$1,452,604
				IIHI - Local-Level Evaluation of Rhode Island Partnerships for Success-2018 (RI PFS-2018) Initiative	\$829,439	\$829,439
		Spillane, Nichea S	Rhode Island Hospital	IIHI - Computerized Intervention for Substance Use and Sexual Assault Among Young Women	\$17,800	\$17,800
		Stein, Lynda	Brown University	IIHI - Decrease Overdose in Community Supervision CRC	\$2,281,680	\$2,281,680
				IIHI - Using Implementation Interventions and Peer Recovery Support to Improve Opioid Treatment Outcomes in Community Supervision	\$2,093,724	\$2,093,724
			National Institute of Health	IIHI - Family Planning and STI Reduction for Men Leaving Prison	\$3,873,073	\$3,873,073
			Newport County CHMC, Inc	IIHI - Rhode Island Certified Community Behavioral Health Clinic (CCBHC) Expansion	\$600,000	\$600,000
		Walls, Theodore	University of Oxford	Cross-Classified Process Models in Educational Research	\$126,559	\$126,559
		Weiss, Nicole H	National Institute of Health	IIHI - Co-occurrence of PTSD and Opioid Misuse: Delineating Affective Predictors	\$3,713,064	\$3,713,064
				IIHI - Post-Traumatic Stress Disorder and Alcohol Use: An Evaluation of Negative and Positive Emotional Avoidance as Underlying Mechanisms	\$3,633,507	\$3,633,507

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF HEALTH SCIENCES	Psychology	Total				\$19,393,359
	Total					\$31,260,230
COLLEGE OF NURSING	Dean Nursing	DiTomasso,Diane J	Brown University	IIHI - Omega-3 Fatty Acid Intake, Cortisol, and Blood Lead Levels During Pregnancy	\$110,291	\$0
		Martins,Diane	Substance Abuse & Mental Health Services	IIHI Community First Provider Program - SAMHSA ROTA Program	\$506,033	\$101,207
		Total				\$101,207
	Nursing Instruction	Burbank,Patricia M	US Dep of Health & Human Svcs	RI Geriatrics Workforce Enhancement Program (2)	\$3,750,000	\$187,500
		Coppa,Denise	US Dep of Health & Human Svcs	Nurse Practitioner Residency Program (ANE-NPR) - Track 1	\$3,479,126	\$3,479,126
				URI College of Nursing Advanced Nursing Education Workforce (ANEW)	\$2,695,457	\$2,695,457
		D'Agata,Amy	National Institute of Health	RI - The BOND Study: Babies, Moms, NICU and DNA	\$3,916,721	\$3,916,721
		DiTomasso,Diane J	National Institute of Health	IIHI - Newborn Weight Study: An Examination of Weight Change Patterns in Neonates During the First Two Months of Life	\$1,457,090	\$1,457,090
				The Newborn Scale Study: Increasing Breastfeeding Exclusivity and Duration by Maternal Monitoring of Infant Weight in the Home	\$1,333,024	\$1,333,024
				The Pediatric Scale Study: The Impact of Neonatal Weight Checks in the Home on Breastfeeding Outcomes	\$422,126	\$422,126
		Jennings,Karen	Brown University	Role of Pro-Inflammatory Cytokines and Leptin in Restrictive Eating Disorders	\$115,102	\$115,102

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF NURSING	Nursing Instruction	Jennings,Karen	The Rockefeller University	Relationship Among Childhood Parental Loss, Adipokines, Dietary Composition, and Physical Health Status in Adults	\$24,996	\$24,996
		Lee,Jung Eun	Brown University	Home-Based Physical Activity Intervention to Improve Quality of Life for Older Adults Living with HIV: A Mixed-Methods Study	\$57,511	\$57,511
		Mammen,Jennifer R	American Thoracic Society	Technology Enabled Asthma Management System Pilot Study	\$40,000	\$40,000
			Brown University	Using the Apple Watch to Advance the Field of Geriatric Falls: A Proof of Concept Study	\$25,209	\$25,209
		Martins,Diane	US Dep of Health & Human Srvcs	RI Geriatrics Workforce Enhancement Program (2)	\$3,750,000	\$187,500
		Thompson,Marcella	Brown University	BEACON: Brown Center for Emerging and Complex Contaminants, The Namaus (All Things Fish) Project: Phase Two	\$169,025	\$169,025
		Total				\$14,110,387
		Total				\$14,211,594
COLLEGE OF PHARMACY	Biomedical & Pharm. Sciences	Alber,Jessica	Brown University	RI - Building an Infrastructure and Dynamic Dataset for AD Risk Assessment	\$8,756	\$8,756
				RI - Early Alterations in Microvasulature and Microcirculation in Alzheimer’s Disease	\$58,227	\$58,227
				RI - Using an Alzheimer’s Disease Blood Test to Predict Amyloid PET in ApoE e4 Non-Carriers	\$42,633	\$42,633
			Butler Hospital	Identification and Characterization of Retinal AD Risk Biomarkers in Autosomal Dominant Alzheimer’s Disease	\$63,506	\$63,506
			Univ of No.Texas Health Science Center	IIHI - ADPC - Retinal Amyloid Study (ADPC-RAS)	\$124,090	\$124,090

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF PHARMACY	Biomedical & Pharm. Sciences	Alber, Jessica	University of North Texas	RI - Retinal Biomarkers for Alzheimer's Disease in Primary Care	\$189,776	\$189,776
		Bertin, Matthew J	National Institute of Health	CI - Chemical and NMR-Based Approaches for the Stereochemical Determination of Acyclic Polyketides	\$444,760	\$444,760
				The Biopharmaceutical Potential of Unexplored Marine Microbes	\$1,778,700	\$1,778,700
			National Science Foundation	MRI: Acquisition of a High-Performance Computing and Data Storage System for Integrated Marine Omics	\$1,208,801	\$60,440
				Myconetworking for fungal Species Identification	\$138,000	\$0
			Texas A & M University	Microbial Mat Communities as Novel Sources of Bioactive Compounds	\$455,731	\$455,731
			The Camille and Henry Dreyfus Foundation	Chemical and NMR-Based Approaches for the Stereochemical Determination of Acyclic Polketides	\$100,000	\$100,000
			US Dept of Commerce NOAA	Discovery of Specialized Metabolites with Biopharmaceutical Potential from Cyanobacterial Blooms in the Gulf of Mexico	\$750,000	\$750,000
		Chen, Xinyuan	National Institute of Health	Leverage the Power of Delivery to Boost Influenza Vaccination	\$2,800,792	\$2,800,792
		Deng, Ruitang	National Institute of Health	Multi-Driver Proliferation and Combination Targeted Cancer Therapy	\$1,500,257	\$300,051
		Ghonem, Nisanne	Gilead Sciences	Peroxisome Proliferator-Activated Receptor Alpha as Integrator of Bile Acid Regulation and Inflammation	\$130,000	\$130,000
			Rhode Island Hospital	Evaluation of the Preliminary Safety and Efficacy of Treprostinil (Remodulin) in Reducing ischemia-Reperfusion Injury During de Novo Adult Kidney Transplantation	\$302,715	\$302,715
		Grammas, Paula	Alzheimer's Disease & Related Disorders	RI - Design of Direct Thrombin Inhibitors to Block Vascular Activation	\$150,000	\$75,000



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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF PHARMACY	Biomedical & Pharm. Sciences	Grammas,Paula	BrightFocus Foundation	RI - Targeting Brain Blood Vessels: A New Approach for Improved Cognition in Alzheimer's	\$300,000	\$300,000
		Hemme,Christopher	National Institute of Health	2020 Rhode Island Microbiome Symposium	\$34,625	\$34,625
		Kirk,Riley	National Science Foundation	Myconetworking for fungal Species Identification	\$138,000	\$138,000
		Li,Deyu	American Cancer Society	ACS - Research Scholar, Etheno Adductome and its Mutational Spectra	\$792,001	\$792,001
			National Institute of Health	Mutational Spectra of Bulky DNA Lesions	\$1,874,109	\$1,874,109
				Translesion Synthesis Mediated Chemoresistance	\$3,742,438	\$3,742,438
		Menon,Jyothi U	Alternatives Research & Development Fou	A 3D Pulmonary Fibrosis Model for High Throughput Screening of Anti-Fibrotic therapies	\$40,000	\$40,000
			Am Association of Colleges of Pharmacy	AACP - New Investigator Award	\$10,000	\$10,000
			Auburn University	Targeted Nanoparticle-Based Gene Therapy for Liver Inflammation	\$154,000	\$154,000
			Brown University	Targeting CHI3L1 and its Receptors in Hermansky-Pudlak Syndrome-Associated Lung Disease	\$65,628	\$65,628
			National Institute of Health	'Smart' Hydrogel Microwell Arrays for High-Throughput Cancer Speriod Culture	\$585,962	\$585,962
				'Smart' Hydrogel Microwell Arrays for High-Throughput Cancer Spheroid Culture	\$1,654,311	\$1,654,311
			National Science Foundation	MRI: Acquisition of a Scanning/Transmission Electron Microscope for Materials Research and Education	\$1,610,000	\$322,000

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF PHARMACY	Biomedical & Pharm. Sciences	Menon,Jyothi U	Searle Funds at Chicago Community Trust	A Kupffer Cell-Targeting Nanoparticle Platform to Mitigate Liver Inflammation	\$100,000	\$100,000
		Quinlan,Katharina A	John Hopkins University	RI - TRPV4 Links the Blood-Nerve Barrier to Motor Neuron Dysfunction	\$221,774	\$221,774
		Rowley,David	Harvard University	Biocontrol of Early Mortality Syndrome in Farm Raised Shrimp	\$81,515	\$26,900
			National Science Foundation	MRI: Acquisition of a High-Performance Computing and Data Storage System for Integrated Marine Omics	\$1,208,801	\$60,440
			US Department of Agriculture	Aquaculture: Modifying Microbiomes to Mitigate Infectious Diseases in Aquaculture Facilities	\$300,000	\$99,000
			US Dept of Commerce NOAA	Identifying Toxins from Green Tides and Their Impacts on Higher Trophic Levels of Economic Importance	\$4,243,724	\$636,559
		Seeram,Navindra	University at Albany SUNY	Targeting Breast Cancer Stem Cells with Pomegranate Ellagitannins and Urolithins	\$26,701	\$26,701
			URI Research Foundation	Longvida Curcumin Human Pharamcokinetics (PK) Study	\$5,581	\$5,581
			US Department of Agriculture	Maple Water Proposal	\$500,000	\$500,000
				Public Relations to Communicate Scientific Research About Potential Health Benefits from Maple Products via a Network of Health Professionals, Producers, and Influential Consumers	\$500,000	\$250,000
		Shen,Jie	Food and Drug Administration	Bioequivalence Considerations of Topical Rectal and Vaginal Suppositories	\$500,000	\$500,000
			Gravita Bioscience, LLC	Transcatheter Occlusion of Gastric Arteries: Novel Treatment for Substance Use Disorder, Alcohol Use Disorder and other Addiction Reward Behaviors	\$59,601	\$59,601
			National Institute of Health	A Flexible, Palatable Orodispersible Pediatric Drug Delivery Platform	\$142,515	\$142,515

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF PHARMACY	Biomedical & Pharm. Sciences	Shen,Jie	RI Hospital	Tumor Penetrating Lipid Nanotherapeutics with Tailored Properties for Improved Treatment of Glioblastoma	\$1,498,980	\$1,498,980
			RI Science and Technology Advisory Counc	An Analytical Assessment of Plastic Pollution in the Narragansett Bay	\$40,001	\$40,001
			University of Connecticut STORRS	A Continuous Manufacturing Platform for Complex Dosage Forms	\$432,827	\$432,827
		Slitt,Angela	University of Southern California	Hepatotoxic Effects of PFAS Exposure: A New Model for Studying Environmental Fatty Liver Disease	\$39,854	\$39,854
		Van Nostrand,William	Yale University	RI - Novel Models for Cerebral Amyloid Angiopathy Type 1 and 2: Impact of Hypertensive Arteriopathy	\$1,862,418	\$1,583,055
		Zhang,Yuan	National Institute of Health	Null	\$1,868,628	\$1,868,628
				Engineer RNA-Based Vaccines for Cancer Immunotherapy	\$1,868,628	\$1,868,628
				Nonviral Delivery of RNA Based HIV Vaccines	\$435,530	\$435,530
		Total				\$27,794,826
	Crime Lab	Hilliard,Dennis C	RI Department of Public Safety	FY2018 Paul Coverdell Crime Laboratory Improvement Program	\$61,191	\$61,191
		Total				\$61,191
	Dean Pharmacy	Buchanan,Ashley	National Institute of Health	Causal Inference Methods for HIV Prevention Studies Among Networks of People who Inject Drugs	\$2,080,476	\$2,080,476
		Jacobson,Anita	Substance Abuse & Mental Health Services	IIHI Community First Provider Program - SAMHSA ROTA Program	\$506,033	\$303,620

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF PHARMACY	Dean Pharmacy	Kanaczet,Mary-Jane	Exec.Office of Health and Human Services	IHI - A Center of Excellence for Continuing Education in the Health Professions	\$604,419	\$604,419
		Total				<b>\$2,988,515</b>
	Pharmacy Practice	Buchanan,Ashley	National Institute of Health	Effect of Metformin on Breast Cancer Incidence and Mortality Among Elderly Women with Type II Diabetes Mellitus	\$431,021	\$43,102
			Rhode Island Hospital	COBRE - Pilot Program	\$40,000	\$40,000
			Yale University	New Methods for the Design and Evaluation of Large HIV Prevention Interventions	\$44,653	\$44,653
		Eisenhower,Christine	US Dep of Health & Human Srvcs	RI Geriatrics Workforce Enhancement Program (2)	\$3,750,000	\$187,500
		Estus,Erica	US Dep of Health & Human Srvcs	RI Geriatrics Workforce Enhancement Program (2)	\$3,750,000	\$187,500
		Hume,Anne	US Dep of Health & Human Srvcs	RI Geriatrics Workforce Enhancement Program (2)	\$3,750,000	\$187,500
		Kogut,Stephen	National Institute for Health Care Manag	The Impact of Out-of-Pocket Costs on Medication Adherence of Oral Anticancer Medications	\$54,412	\$13,603
			National Institute of Health	Drug-Drug Interactions between Psychotropic and Anticancer Medications in Cancer	\$148,302	\$37,076
		Kogut,Stephen J	National Institute of Health	Effect of Metformin on Breast Cancer Incidence and Mortality Among Elderly Women with Type II Diabetes Mellitus	\$431,021	\$43,102
			Rhode Island Hospital	Buprenorphine with Additional Rx Exposure (B-WARE)	\$37,848	\$37,848
		Laplante,Kerry	Massachusetts General Hospital	Development and Risk Assessment for Fully Weight-Bearing Antibiotic-Eluting Joint Implants	\$350,875	\$350,875

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF PHARMACY	Pharmacy Practice	Laplante,Kerry	National Institute of Health	Dual Beta-Lactam Pharmacodynamic Targets Against Enterocoddus	\$437,008	\$437,008
				Identifying Pharmacodynamic Targets for Staphylococcus Biofilm on Medical Devices	\$435,839	\$435,839
		Taveira,Tracey	National Institute of Health	Effect of Metformin on Breast Cancer Incidence and Mortality Among Elderly Women with Type II Diabetes Mellitus	\$431,021	\$43,102
	Vyas,Ami	National Institute for Health Care Manag	The Impact of Out-of-Pocket Costs on Medication Adherence of Oral Anticancer Medications	\$54,412	\$40,809	
		National Institute of Health	Drug-Drug Interactions between Psychotropic and Anticancer Medications in Cancer	\$148,302	\$111,227	
			Effect of Metformin on Breast Cancer Incidence and Mortality Among Elderly Women with Type II Diabetes Mellitus	\$431,021	\$301,715	
		RI Department of Health	Use of Rhode Island-All Payer Claims Database to Evaluate Rhode Island Women's Breast Cancer Screening Compliance and Impact on Breast Cancer Diagnosis	\$18,000	\$18,000	
		VERASTEM, INC.	Health Economics of Duvelisib	\$38,974	\$38,974	
		Total				\$2,599,432
	Ryan Institute Neuroscience	Grammas,Paula	National Institute of Health	RI - Biomedical Research Facility Construction at the University of Rhode Island: Morrill Hall Vivarium	\$7,917,682	\$7,917,682
Total						\$7,917,682
	Total					\$41,361,646
COLLEGE OF THE ENVIRONMENT	Biological Sciences	Dewsbury,Bryan M	National Science Foundation	ESP URI Robert Noyce Teacher Scholarship Program	\$1,199,964	\$95,997

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COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	Biological Sciences	Tewksbury,Elizabeth A	Pennsylvania State University	Biology, Management and Reducing the Impact of the Spotted Lanternfly on Specialty Crops in the Eastern USA	\$125,240	\$125,240
		Total				<b>\$221,237</b>
	CELS Academic Unit 1	Alm,Steven	eXtension Foundation	Pesticide Safety Educatin Program for Rhode Island 2019	\$18,800	\$18,800
			New England Regional Turfgrass Found.Inc	Evaluation of Wildflowers and Trap Nets to Increase Forage and Habitat for Bees Around New England Golf Courses	\$37,500	\$37,500
			RI Dept of Environ Magt	Providing Nests and Wildflowers to Increase Wild Bee Pollination of Rhode Island Fruit Crop	\$34,970	\$34,970
		Brown,Rebecca	Cornell University	Laser Scarecrows: A New IPM Tool to Protect Crops from Starlings and Other Flocking Birds	\$49,996	\$49,996
			RI Dept of Environ Magt	Promotion of Saffron as an Extremely High Value Crop for Rhode Island Agriculture	\$49,942	\$4,994
				Supporting Adoption of Automated Laser Scarecrows against Birds in Sweet Corn and Other Specialty Crops	\$49,942	\$39,954
			University of Massachusetts, Amherst	Increasing Production and Consumption of Fresh Produce Popular Among Ethnic and Immigrant Communities in the Northeast Megalopolis	\$139,330	\$69,665
			University of Vermont	Saffron Co-Cultivation to Increase Yield and Land Equivalent Ratios	\$58,516	\$58,516
			US Department of Agriculture	How Much is Too Much?: Managing Fertilizer Nutrients in High Tunnel Vegetable Production	\$74,922	\$37,461
				Red Light, Green Light: Assessment of Benefits and Risks from Use of Robotic Laser Scarecrows for Bird Damage Prevention in Specialty Crops	\$39,054	\$19,527
		Brown,Rebecca M	West Virginia University	Advances in Parasite Control for Organically Raised Small Ruminants: Improvement in Birdsfoot Trefoil Production and Characterization of its Antiparasitic Compounds	\$798,596	\$295,481

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COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 1	Castro,Kathleen	College of William & Mary / VIMS	Environmental Change and Disease: Assessing he Risk of Blindness to Lobsters in the Gulf of Maine	\$86,138	\$86,138
			International Union for Conservation of	CI - Regional Coastal Biodiversity Project	\$281,999	\$70,500
			US Department of State	CI - Fisheries Management and Governance in Central America: Honduras, El Salvador and Guatemala	\$499,494	\$499,494
		Gheshm,Rahmatallah	RI Dept of Environ Magt	Promotion of Saffron as an Extremely High Value Crop for Rhode Island Agriculture	\$49,942	\$44,948
		Gomez-Chiarri,Marta	Bigelow Laboratory for Ocean Sciences	Acquiring Functional Genomic and Genetic Tools for the American Oyster	\$368,303	\$368,303
			Harvard University	Biocontrol of Early Mortality Syndrome in Farm Raised Shrimp	\$81,515	\$26,900
			Northeastern University	Comparative Genomics	\$484,598	\$145,379
			RI Science and Technology Advisory Council	STAC 2019 Coupling Physical and Ecological Models to Understanding How Climate Drives Disease Outbreaks in Narragansett Bay	\$80,000	\$48,000
			Rutgers University	From Sequence to Consequence: Genomic Selection to Expand and Improve Selective Breeding for the Eastern Oysters	\$690,000	\$276,000
			US Department of Agriculture	Aquaculture: Modifying Microbiomes to Mitigate Infectious Diseases in Aquaculture Facilities	\$300,000	\$102,000
				CELS: NERA2018: (Epi) Genomically-Informed Breeding of Bivalve Molluscs	\$7,000	\$7,000
				CELS: USDA Predoctoral Fellowship for Erin Roberts, BES SAFS	\$120,000	\$120,000
				Leveraging the Eastern Oyster Genome to Facilitate Enhanced Germplasm Improvement	\$48,000	\$48,000

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COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 1	Gomez-Chiarri,Marta	US Dept of Commerce NOAA	Identifying Toxins from Green Tides and Their Impacts on Higher Trophic Levels of Economic Importance	\$4,243,724	\$636,559
		Gorospe,Kelvin	RI Science and Technology Advisory Counc	Socioeconomic Resilience of Narragansett Bay Coastal Communities to Climate Change: What Does it Mean, How do we Measure it, and What Data to we Collect	\$78,600	\$11,790
		Hatzipetro,Mitchell	US Dept of Commerce NOAA	Developing a Market for Soft Shell Rock Crab, Cancer Irroratus	\$215,692	\$75,492
		Hoffman,Maria L	US Department of Agriculture	Determining the Effects Maternal Programming on Calf Health and Immunity During Early Postnatal Life	\$199,011	\$199,011
		Humphries,Austin T	Louisiana State University	Helping Louisiana's Oyster Fishery through Coupled Social-Ecological Vulnerability and Risk Assessment	\$38,782	\$38,782
			Mars Incorporated	Phase II & III Bontosua Coral Restoration Study	\$117,629	\$29,407
			Mississippi State University	Secure Fish - Improved Nutrition Security in Kenya through Increased Access to Consumption of Coastal Marine Fish	\$15,138	\$15,138
			US Dept of Commerce NOAA	Identifying Key Attributes Associated with Aquaculture Growth in the US	\$249,728	\$112,378
		Kirby,John	US Department of Agriculture	Animal Health FY 18	\$0	\$0
		Mather,Thomas	National Institute of Health	CDC Evaluation of Commercially Available Natural Product-Based Acarides for Suppression of Host-Seeking NYmphal Ixodes Scapularis Ticks	\$266,070	\$266,070
				CDC Evaluation of Commercially Available Natural Proeduct-Based Acarides for Suppression of Host-Seeking NYmphal Ixodes Scapularis Tricks	\$350,925	\$350,925
			URI Research Foundation	GoBio: Anti-Tick Vaccine	\$489,147	\$489,147
				Thermacell Field Study: Justifying an Integrated Tick Management Approach	\$32,544	\$32,544



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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 1	Petersson,Katherine	University of Vermont	Building on Success: Expanding Opportunities for Sustainable Management of Small Ruminant gastrointestinal Parasites	\$242,077	\$242,077
			West Virginia University	Advances in Parasite Control for Organically Raised Small Ruminants: Improvement in Birdsfoot Trefoil Production and Characterization of its Antiparasitic Compounds	\$798,596	\$503,115
		Radin,Andrew M	RI Commerce Corporation	Growing Gold: Perfection of a Rhode Island Compost-Based Growing Medium for the Southern New England Green Industry Market	\$49,041	\$49,041
			US Department of Agriculture	How Much is Too Much?: Managing Fertilizer Nutrients in High Tunnel Vegetable Production	\$74,922	\$37,461
		Richard,Justin T	SeaWorld & Busch Gardens Conservation Fu	Calibration of Minimally-Invasive Age Estimation Technique for Beluga Whales Using Next Generation Sequencing	\$9,000	\$9,000
		Sartini,Becky	SeaWorld & Busch Gardens Conservation Fu	Calibration of Minimally-Invasive Age Estimation Technique for Beluga Whales Using Next Generation Sequencing	\$9,000	\$0
	Sheely,Deborah		RI State Energy Office	2019 Energy Efficiency Education and Outreach Initiative	\$15,000	\$0
				2019 Farm Energy Outreach Fellowship	\$3,055	\$0
				2019 RIOER Policy Fellowship	\$5,000	\$0
	Stolt,Mark		US Geological Survey	2019 Water Resource Grant	\$92,335	\$7,202
	Suckling,Coleen		Northeastern University	Comparative Genomics	\$484,598	\$96,920
			US Dept of Commerce NOAA	CI - Characterizing Community-Level Plastic Exposure in a Model Bay Ecosystem Using Raman Spectroscopy and Molecular Isotope Geochemistry	\$297,699	\$104,195
	Taylor PhD,John Robert		Southside Community Land Trust	Developing a Rhode Island-Adapted System for Organic Hop Production and Training Farmers in Hop Production Practices	\$19,040	\$19,040

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 1	Taylor PhD,John Robert	University of Massachusetts, Amherst	Increasing Production and Consumption of Fresh Produce Popular Among Ethnic and Immigrant Communities in the Northeast Megalopolis	\$139,330	\$69,665
		Tewksbury,Elizabeth	US Department of Agriculture	Will Parasitoids Released for Control of Lilioceris lili, Lily Leaf Beetle, Attack the Air Potato Biological Control Agents	\$5,104	\$5,104
		Tewksbury,Elizabeth A	RI Dept of Environ Magt	Forest and Agricultural Pest Outreach	\$13,754	\$13,754
			University of Connecticut STORRS	Biological Control of Lily Leaf Beetle	\$4,000	\$4,000
			US Department of Agriculture	Rearing, Release and Monitoring of Hypena Opulenta	\$30,000	\$30,000
				Stone Fruit Survey	\$17,000	\$17,000
		Venturini,Kate E	RI State Energy Office	2019 Energy Efficiency Education and Outreach Initiative	\$15,000	\$15,000
				2019 Farm Energy Outreach Fellowship	\$3,055	\$3,055
				2019 RIOER Policy Fellowship	\$5,000	\$5,000
			US Department of Agriculture	CI - Solar Energy Siting Conflicts with Farm and Forest Lands	\$300,000	\$60,000
Total				\$6,057,397		
CELS Academic Unit 2	August,Peter	McLaughlin Research Corporation	CI - GIS Support Services for the Naval Undersea Warfare (NUWC DIVNPT) Center’s Marine Environmental Planning Laboratory (MEP)	\$8,590	\$8,590	
			CI - GIS Support Services for the Naval Undersea Warfare (NUWC DIVNPT) Center’s Marine Environmental Planning Laboratory (MEP) PO-18-0795	\$10,187	\$10,187	

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 2	August, Peter	RI Coastal Res Mgt. Council	CI - FY 19 Continued Beach Profiling on the Charlestown Barrier Misquamicut Headland and Matunuck Headland, RI	\$10,000	\$2,500
			RI Department of the Attorney General	CI - RI Aerial Photography Project	\$410,000	\$102,500
				CI - RI Salt Marsh Conservation Project	\$425,000	\$72,250
		Becker, Austin	National Science Foundation	CI - CAREER: Making Coastal Infrastructure Resilient in the 21st Century by Transforming Decision Making through a Convergent Research Approach	\$529,147	\$529,147
			RI Science and Technology Advisory Council	Communicating Disaster Consequence Thresholds Through Storm Model Visualizations: Potential for Wastewater Treatment Facility Impacts on Narragansett Bay	\$79,973	\$59,980
		Bidwell, David	National Science Foundation	Assessing Flood Risk and Building Coastal Resilience Using and Applying Big Data	\$5,999,996	\$797,999
		Bonyng, Gregory	AmericaView	CI - StateView Program Development and Operations for the State of Rhode Island	\$23,500	\$7,990
			Rhode Island Division of Planning	CI - FY20 Sustaining and Enhancing Access to the Rhode Island Geographic Information System (RIGIS) Geospatial Database	\$60,000	\$15,000
		Bourbonniere, Annette	Paralyzed Veterans of America	Using Stated Preferences to Examine Barriers to Employment for Persons with SCI	\$149,713	\$112,285
		Boving, Thomas	South Dakota School of Mines and Technol	Engineered Swales and Urban Streams for Enhanced Stormwater Treatment	\$66,601	\$33,301
			US Environ Protection Agcy	Practical Approach for Attenuating PFAS Contaminated Landfill Leachate Using Peroxone Activate Persulfate (PAP)	\$899,165	\$809,249
			US Geological Survey	2019 Water Resource Grant	\$92,335	\$7,202
		Bradley, Michael	RI Department of the Attorney General	CI - RI Salt Marsh Conservation Project	\$425,000	\$72,250

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 2	Buffum, William	RI Dept of Environ Magt	CI - Restoring Spadefoot Toad Populations in Rhode Island	\$50,173	\$0
		Canfield, Katherine	NATIONAL ENDOWMENT FOR THE HUMANITIES	Public Memory, Place, and Belonging: Unearthing the Hidden History of the Native and African American Presence on Block Island	\$39,648	\$13,084
			Rhode Island Council for the Humanities	Public Memory, Place, and Belonging: Unearthing the Hidden History of the Native and African American Presence on Block Island	\$2,000	\$660
		Cardace, Dawn	Brown University	Biofilm Adhesion on Monovalent and Divalent Metal-Bearing Minerals	\$42,332	\$42,332
				Critical Habits on Earth and Mars: Acid Drainage from Mafic Rock Weathering	\$15,000	\$7,500
			National Science Foundation	CUE Ethics: Building Pathways to diverse Computationally-Skilled Disciplinary Scientists	\$0	\$0
				Field-Rich Internships as Recruitment Strategy at 2Y-4YC Transition in Rhode Island	\$493,709	\$394,967
		Dalton, Tracey	Restore America's Estuaries	Implementing a Collaborative Science Program for the NERRS	\$111,018	\$111,018
			RI Science and Technology Advisory Counc	Real-Time Health Assessment of Narragansett Bay: Co-Visualization of Ecological Data from an Autonomous Surface Vessel and Citizen Scientists to Monitor Harmful Algal Blooms and Shellfish Ecology	\$80,000	\$20,000
				Socioeconomic Resilience of Narragansett Bay Coastal Communities to Climate Change: What Does it Mean, How do we Measure it, and What Data to we Collect	\$78,600	\$23,580
			US Dept of Commerce NOAA	An Investigation of Residents' Preferences for Aquaculture Development in Southern New England Coastal Waters	\$249,728	\$212,269
				CI - Social, Behavioral and Economic Research Needs in Aquaculture - 2019	\$249,341	\$62,335
				Identifying Key Attributes Associated with Aquaculture Growth in the US	\$249,728	\$112,378

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 2	Damon, Christopher P	McLaughlin Research Corporation	CI - GIS Support Services for the Naval Undersea Warfare (NUWC DIVNPT) Center's Marine Environmental Planning Laboratory (MEP)	\$8,590	\$0
				CI - GIS Support Services for the Naval Undersea Warfare (NUWC DIVNPT) Center's Marine Environmental Planning Laboratory (MEP) PO-18-0795	\$10,187	\$0
		Deboef, Brenton L	American Chemical Society	Sequence Control in Olefin Metathesis Oligomerization	\$110,000	\$110,000
		Engelhart, Simon	US Dept of Commerce NOAA	IIHI - Landscape-Level Analysis of Salt Marsh Migration Using Restoration Sites: A Tool for Identifying Resilient Marshes and Assessing Current Migration Models	\$312,334	\$124,934
		Forrester, Graham	International Union for Conservation of	CI - Regional Coastal Biodiversity Project	\$281,999	\$70,500
		Frazier, Jessica	NATIONAL ENDOWMENT FOR THE HUMANITIES	Public Memory, Place, and Belonging: Unearthing the Hidden History of the Native and African American Presence on Block Island	\$39,648	\$13,480
			Rhode Island Council for the Humanities	Public Memory, Place, and Belonging: Unearthing the Hidden History of the Native and African American Presence on Block Island	\$2,000	\$680
		Gerber, Brian D	RI Dept of Environ Magt	PR Deer Population Ecology	\$188,198	\$188,198
			US Fish and Wildlife Service	CI - Avian Collision Risk Modeling	\$149,212	\$149,212
		Gold, Arthur	Restore America's Estuaries	Measuring the Effectiveness of Water Quality Improvement Programs and Coordinating Environmental and Socioeconomic Objectives in Coastal and Vulnerable Communities	\$290,103	\$145,052
		Gold, Arthur J	National Science Foundation	CI - Low-Head Milldams as Hotspots for Denitrification and Nitrogen Consumption: Hydrologic and Biogeochemical Controls	\$112,555	\$112,555
		Green-Gavrielidis, Lin..	US Dept of Commerce NOAA	Identifying Toxins from Green Tides and Their Impacts on Higher Trophic Levels of Economic Importance	\$4,243,724	\$1,697,490
		Guilfoos, Todd	Charles Koch Foundation	A Experiment to Evaluate the Impacts of TURF Implementation on the Galapagos Lobster Fishery	\$3,100	\$3,100

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 2	Guilfoos,Todd	University of Maine	ci - Preparing for a Warmer Future: Lessons from the Southern New England Lobster Fishery	\$220,014	\$110,007
			US Department of Agriculture	Does Mental Stress Affect Preferences for Groundwater Management	\$199,999	\$199,999
		Herron,Elizabeth	RI Science and Technology Advisory Council	Real-Time Health Assessment of Narragansett Bay: Co-Visualization of Ecological Data from an Autonomous Surface Vessel and Citizen Scientists to Monitor Harmful Algal Blooms and Shellfish Ecology	\$80,000	\$20,000
		Humphries,Austin T	RI Science and Technology Advisory Council	Socioeconomic Resilience of Narragansett Bay Coastal Communities to Climate Change: What Does it Mean, How do we Measure it, and What Data to we Collect	\$78,600	\$11,790
		Karraker,Nancy	RI Dept of Environ Magt	CI - Restoring Spadefoot Toad Populations in Rhode Island	\$50,173	\$50,173
			SeaWorld & Busch Gardens Conservation Fu	CI - Sea World: Understanding Patterns of Sea Turtle...	\$44,504	\$44,504
			US Dept of Interior	Identifying Activity Periods of an Endangered Salamander to Facilitate Fuels Treatments	\$70,279	\$70,279
			US Fish and Wildlife Service	Population Demography of the Jemez Mountains Salamander	\$97,261	\$97,261
		Kiesewetter,Matthew	National Institute of Health	An Organocatalytic Approach to Precisely Tailored Macromolecules for Disease Treatment	\$1,717,374	\$1,717,374
		Kim, Jiyeon	National Institute of Health	Mechanisms Underlying Spatial Interaction in the Oral Microbiota	\$2,185,393	\$98,343
		Kirby,John	US Department of Agriculture	Null	\$46,448	\$46,448
		Labash,Charles	AmericaView	CI - StateView Program Development and Operations for the State of Rhode Island	\$23,500	\$7,755
			McLaughlin Research Corporation	CI - GIS Support Services for the Naval Undersea Warfare (NUWC DIVNPT) Center's Marine Environmental Planning Laboratory (MEP) PO-18-0795	\$10,187	\$0

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COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 2	Labash,Charles	Rhode Island Division of Planning	CI - FY20 Sustaining and Enhancing Access to the Rhode Island Geographic Information System (RIGIS) Geospatial Database	\$60,000	\$15,000
			RI Coastal Res Mgt.Council	CI - FY 19 Continued Beach Profiling on the Charlestown Barrier Misquamicut Headland and Matunuck Headland, RI	\$10,000	\$2,500
			RI Department of the Attorney General	CI - RI Aerial Photography Project	\$410,000	\$102,500
				CI - RI Salt Marsh Conservation Project	\$425,000	\$63,750
		Labash,Chuck L	McLaughlin Research Corporation	CI - GIS Support Services for the Naval Undersea Warfare (NUWC DIVNPT) Center's Marine Environmental Planning Laboratory (MEP)	\$8,590	\$0
		Lang,Corey	US Department of Agriculture	CI - Solar Energy Siting Conflicts with Farm and Forest Lands	\$300,000	\$240,000
		Liu,Pengfei	University of Maryland	Realizing the Full Value of Flexible Electric Heating	\$20,000	\$20,000
		Mallik,Ananya	NatAeronautics & Space Admin	Deriving the Lunar Temperature Profile from Revised Estimates of Distribution of Heat Producing Elements: Implications for Constraining the Present-Day State and Structure of the Lunar Interior	\$280,738	\$280,738
		Mandeville,Aimee	RI Department of the Attorney General	CI - RI Aerial Photography Project	\$410,000	\$102,500
				CI - RI Salt Marsh Conservation Project	\$425,000	\$72,250
		Mandeville,Aimee L	Rhode Island Division of Planning	CI - FY20 Sustaining and Enhancing Access to the Rhode Island Geographic Information System (RIGIS) Geospatial Database	\$60,000	\$15,000
		Mendenhall,Elizabeth	National Science Foundation	Detection the Presence and Impact of Tourist Vessel Navigation Using Archived Data Sources and a Co-Produced Observing System to Study Implications for Indigenous Communities and Environmental Governan..	\$1,284,543	\$256,909
		Menezes,Sunshine	National Science Foundation	CI - broadening Participation Among Science Communication Practitioners: Science Communication and Representation Fellowship	\$1,799,658	\$1,799,658

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 2	Menezes,Sunshine	National Science Foundation	Inclusive SciComm Symposium 2019: Building Knowledge and Collaborations Among Science Communication Practitioners and Researchers to Foster Inclusive Public Engagement with STEM	\$72,489	\$72,489
		Meyerson,Laura	Brown University	Forensic Monitoring of Diamondback Terrapin Population Recovery, an Indicator of Saltmarsh Health in Narragansett Bay	\$31,126	\$31,126
		Moore,Amelia	Florida International University	Sociological Responses to Changing Fisheries	\$174,646	\$174,646
			Mars Incorporated	Phase II & III Bontosua Coral Restoration Study	\$117,629	\$58,815
			NATIONAL ENDOWMENT FOR THE HUMANITIES	Public Memory, Place, and Belonging: Unearthing the Hidden History of the Native and African American Presence on Block Island	\$39,648	\$13,084
			Rhode Island Council for the Humanities	Public Memory, Place, and Belonging: Unearthing the Hidden History of the Native and African American Presence on Block Island	\$2,000	\$660
		Opaluch,James	RI Science and Technology Advisory Counc	Measuring Perceived Risk and Adaptation Behavior Change in Response to Coastal Hazard Risks within the Narragansett Bay Region	\$80,000	\$40,000
		Opaluch,James J	Paralyzed Veterans of America	Using Stated Preferences to Examine Barriers to Employment for Persons with SCI	\$149,713	\$37,428
		Pradhanang,Soni	Clark University	Improving glacier Dynamics and Snow Hydrology Across High Mountain Asia	\$118,810	\$118,810
			South Dakota School of Mines and Technol	Engineered Swales and Urban Streams for Enhanced Stormwater Treatment	\$66,601	\$33,301
		Rasmussen,Scott	RI Coastal Res Mgt.Council	CI - FY 19 Continued Beach Profiling on the Charlestown Barrier Misquamicut Headland and Matunuck Headland, RI	\$10,000	\$2,500
			RI Department of the Attorney General	CI - RI Salt Marsh Conservation Project	\$425,000	\$72,250
		Savage,Brian	National Science Foundation	Field-Rich Internships as Recruitment Strategy at 2Y-4YC Transition in Rhode Island	\$493,709	\$49,371



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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 2	Sproul,Thomas	US Department of Agriculture	Red Light, Green Light: Assessment of Benefits and Risks from Use of Robotic Laser Scarecrows for Bird Damage Prevention in Specialty Crops	\$39,054	\$19,527
		Stolt,Mark	US Department of Agriculture	2019 National Cooperative Soil Survey Conference	\$59,997	\$59,997
				A Workshop Toward Redefining How Wet Soils are Classified within Soil Toxonomy	\$50,000	\$50,000
			US Dept of Commerce NOAA	IIHI - Landscape-Level Analysis of Salt Marsh Migration Using Restoration Sites: A Tool for Identifying Resilient Marshes and Assessing Current Migration Models	\$312,334	\$187,400
		Trevino Pena,Melva	National Science Foundation	Detection the Presence and Impact of Tourist Vessel Navigation Using Archived Data Sources and a Co-Produced Observing System to Study Implications for Indigenous Communities and Environmental Governan..	\$1,284,543	\$256,909
		Uchida,Emi	Restore America's Estuaries	Measuring the Effectiveness of Water Quality Improvement Programs and Coordinating Environmental and Socioeconomic Objectives in Coastal and Vulnerable Communities	\$290,103	\$145,052
			RI Science and Technology Advisory Counc	Measuring Perceived Risk and Adaptation Behavior Change in Response to Coastal Hazard Risks within the Narragansett Bay Region	\$80,000	\$40,000
			University of Minnesota	CI - Farming and Fishing in Lake Malawi	\$622,246	\$155,562
		Uchida,Hirotsugu	New England Aquarium	CI - Promoting U.S. Crab and Lobster Fisheries that Adopt Verifiable Whale Entanglement Mitigation Measures	\$21,868	\$21,868
			RI Natural History Survey	CI - Climate Resilient Markets: Adapting to the Fisheries of the Future	\$181,580	\$118,027
			RI Science and Technology Advisory Counc	Socioeconomic Resilience of Narragansett Bay Coastal Communities to Climate Change: What Does it Mean, How do we Measure it, and What Data to we Collect	\$78,600	\$31,440
			University of Maine	ci - Preparing for a Warmer Future: Lessons from the Southern New England Lobster Fishery	\$220,014	\$110,007
			University of Minnesota	CI - Farming and Fishing in Lake Malawi	\$622,246	\$217,786

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COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 2	Wang,Yeqiao	AmericaView	CI - StateView Program Development and Operations for the State of Rhode Island	\$23,500	\$7,755
			Rhode Island Division of Planning	CI - FY20 Sustaining and Enhancing Access to the Rhode Island Geographic Information System (RIGIS) Geospatial Database	\$60,000	\$15,000
			RI Coastal Res Mgt.Council	CI - FY 19 Continued Beach Profiling on the Charlestown Barrier Misquamicut Headland and Matunuck Headland, RI	\$10,000	\$2,500
			RI Department of the Attorney General	CI - RI Aerial Photography Project	\$410,000	\$102,500
				CI - RI Salt Marsh Conservation Project	\$425,000	\$72,250
	Total				\$14,018,547	
	CELS Academic Unit 3	Camberg,Jodi	National Institute of Health	RI - BP ENDURE: Neuroscience Education Partnerships Across Greater Rhode Island	\$405,298	\$243,179
			National Science Foundation	MRI: Acquisition of a Scanning/Transmission Electron Microscope for Materials Research and Education	\$1,610,000	\$322,000
		De Groot,Anne	National Institute of Health	Immunogenicity and Tolerance for Better Biologics and Therapeutics	\$493,153	\$493,153
			University of Georgia	Systems Modeling of Influenza Vaccination	\$1,809,870	\$904,935
US Department of Agriculture			PARTNERSHIP: Immunomodulated T Cell Responses for Enhanced PRRSV Vaccination	\$645,374	\$322,687	
Dewsbury,Bryan		National Science Foundation	CAREER: Faculty Mindset Shift Toward Inclusive Approaches to STEM Pedagogy	\$932,689	\$932,689	
			ESP: URI Robert Noyce Teacher Scholarship Program Track 3: Master Teaching Fellowships Capacity Building	\$74,990	\$14,998	

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 3	Dewsbury,Bryan	National Science Foundation	Field-Rich Internships as Recruitment Strategy at 2Y-4YC Transition in Rhode Island	\$493,709	\$49,371
		Dewsbury,Bryan M	National Science Foundation	Investigating the Effects of Personalized, Inclusive, Smartphone-Based Experiments in Engineering Education	\$299,938	\$71,985
				Scholarship Program to Increase Numbers and Strengthen the Workforce in Technology and Mathematics (SPIN+)	\$999,854	\$329,952
		Dutta,Arnob	National Institute of Health	Regulation of Chromatin Remodeler Functions	\$1,502,771	\$1,502,771
		Fallini,Claudia	National Institute of Health	RI - Defining the Mechanisms and Consequences of Nuclear Import Defects in ALS/FTD	\$1,873,810	\$1,873,810
		Gregory,Steven	Brown University	Structural Robustness of Ribosome Functional Centers	\$149,595	\$149,595
		Howlett,Niall	American Society of Hematology, Inc.	Role of the Fanconi Anemia D2 Protein in Replication Fork Maintenance	\$150,000	\$150,000
			Fanconi Anemia Research Fund, Inc.	A Mechanistic Understanding of the Polymicrobial Origins of Oral Cancer in Fanconi Anemia	\$200,000	\$100,000
			National Institute of Health	Chromatin State Alterations in Fanconi Anemia Hematologic Disease and Bone Marrow Failure	\$896,452	\$896,452
		Irvine,Steven	Northeastern University	Comparative Genomics	\$484,598	\$96,920
		Jenkins,Bethany	Brown University	Graduate Fellowship NASA Rhode Island Space Grant Consortium	\$44,748	\$44,748
			National Science Foundation	MRI: Acquisition of a High-Performance Computing and Data Storage System for Integrated Marine Omics	\$1,208,801	\$181,320
		Kausch,Albert	Lawrence Berkeley Natl Laboratory	Transformation of Sorghum for the University of California, Berkeley	\$67,540	\$67,540

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 3	Lane,Christopher	National Science Foundation	Collab. Proposal: Workshop to Stimulate Collaborative Research o Dark Areas of the Eukaryotic Tree of Life	\$81,168	\$81,168
		Mathew,Anuja	National Institute of Health	Dissecting Antibody Dependent and independent Functions of Dengue Virus-Specific B Cells	\$1,980,926	\$1,980,926
				Elimination of Flavivirus Infected Target Cells by ADCC	\$422,125	\$422,125
				Immune Responses to Human Arbovirus Infections Associated with Neurological and Joint Impairment in Brazil	\$650,975	\$650,975
			United States Army	Evaluation the Function of Dengue Virus-Specific Antibodies and Memory B Cells	\$1,189,105	\$1,189,105
		Medin,Carey	DEFENSE THREAT REDUCTION AGENCY	Correlates of Immunity to Dengue Virus after Natural Infection and Vaccination	\$4,547,772	\$454,777
			United States Army	Paper-Based Enzyme Immunoassays for Diagnosis of Acute Febrile Illnesses in Limited-Resource Settings	\$2,121,605	\$1,485,124
		Moise,Leonard	National Institute of Health	Modulation of Gut Microbiome-Shaped Immunity by H. Pylori Colonization and its Relationship to Inflammatory Bowel Disease	\$439,803	\$439,803
			University of Georgia	Systems Modeling of Influenza Vaccination	\$1,809,870	\$904,935
			US Department of Agriculture	PARTNERSHIP: Immunomodulated T Cell Responses for Enhanced PRRSV Vaccination	\$645,374	\$322,687
		Moseman-Valtierra,S..	United States Dep. of Energy	Enabling the Systems Biology of Nutrient Flux Simulations in Sediment Microbiomes through genome-Scale Modeling	\$1,165,325	\$582,663
		Nelson,David	US Department of Agriculture	Aquaculture: Modifying Microbiomes to Mitigate Infectious Diseases in Aquaculture Facilities	\$300,000	\$99,000
		Nelson,David A	Harvard University	Biocontrol of Early Mortality Syndrome in Farm Raised Shrimp	\$81,515	\$27,715

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 3	Prada Montoya, Carlos	National Science Foundation	Collab. Research: Maximizing Coral Restoration through Ecological Genomics: The Recovery of Endangered Orbicella Corals	\$616,716	\$616,716
		Prada Montoya, Carlos A	US Dept of Commerce NOAA	Generating a Toolkit to Find Naturally Occurring Heat Tolerant Corals in Puerto Rico	\$158,678	\$158,678
		Puritz Jr., Jonathan	National Science Foundation	How do Multiple Coastal Stressors Structure the Genomic Diversity of Marine Populations?	\$672,212	\$672,212
				IIHI - RII Track-2 FEC: A Marine Trait Data Initiative for Synthesis and Decision-Making	\$1,461,163	\$730,582
			Rutgers University	From Sequence to Consequence: Genomic Selection to Expand and Improve Selective Breeding for the Eastern Oysters	\$690,000	\$414,000
		Puritz Jr., Jonathan B	RI Dept of Environ Magt	CI - Assessing Atlantic Horseshoe Crab (Limulus Polyphemus) Population Structure within Southern New England	\$80,435	\$80,435
		Putnam, Hollie M	Auburn University	Functional Re-annotation of Oyster Genomes with Epigenetic Resources (FROGER)	\$10,000	\$10,000
			National Science Foundation	Collab. Research: Effects of Temperature and OA on Corals, Algae and Coral Reef Communities	\$104,457	\$104,457
				Collab. Research: URoL: Epigenetics 2: Predicting Phenotypic and Eco-Evolutionary Consequences of Environmental-Energetic-Epigenetic Linkages	\$720,325	\$720,325
				Harnessing Data Advances in Systems Biology to Design a Biological 3D printer: The synthetic Coral	\$340,586	\$340,586
				IIHI - RII Track-2 FEC: A Marine Trait Data Initiative for Synthesis and Decision-Making	\$1,461,163	\$730,582
			Northeastern University	Comparative Genomics	\$484,598	\$145,379
			University of Washington	A Nationwide Collaborative to Maximize the Benefits of Reproductive Sterility in Shellfish Aquaculture	\$249,751	\$249,751

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College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 3	Ramsey,Kathryn	Lifespan	Genetic Requirements for Intracellular Growth of the Pulmonary Pathogen Francisella Tularensis	\$50,000	\$50,000
		Ramsey,Kathryn M	Lifespan	Investigating Specialized Ribosomes and their Potential as an Antibiotic Drug Target	\$74,941	\$74,941
		Ramsey,Matthew R	Fanconi Anemia Research Fund, Inc.	A Mechanistic Understanding of the Polymicrobial Origins of Oral Cancer in Fanconi Anemia	\$200,000	\$100,000
			National Institute of Health	Mechanisms Underlying Spatial Interaction in the Oral Microbiota	\$2,185,393	\$2,087,050
		Renehan,William	Alzheimer's Disease & Related Disorders	RI - Design of Direct Thrombin Inhibitors to Block Vascular Activation	\$150,000	\$75,000
		Rothman,Alan	DEFENSE THREAT REDUCTION AGENCY	Correlates of Immunity to Dengue Virus after Natural Infection and Vaccination	\$4,547,772	\$3,638,218
			National Institute of Health	Flavivirus Infections: Pathogenesis and Prevention	\$1,890,839	\$1,266,862
			SUNY	Establishing Clinical Proof of Concept for a Novel Dengue Antiviral Using a prophylaxis Intervention in an Experimental Human Infection Study Design	\$194,528	\$194,528
				Validating a Dengue Human Infection Model Using Wild Type Primary Dengue Virus Infections in Dengue Naïve Adults	\$189,397	\$189,397
			The Research Foundation for SUNY	One Health Strategies to Detect and Dissect Emerging Arbovirus Transmission Cycles Across Sylvatic and Urban Environments within Ecuador and Thailand	\$156,036	\$156,036
		Schwartz,Rachel	National Science Foundation	MRI: Acquisition of a High-Performance Computing and Data Storage System for Integrated Marine Omics	\$1,208,801	\$60,440
		Srikiatkachorn,Anon	DEFENSE THREAT REDUCTION AGENCY	Correlates of Immunity to Dengue Virus after Natural Infection and Vaccination	\$4,547,772	\$454,777
			National Institute of Health	Flavivirus Infections: Pathogenesis and Prevention	\$1,890,839	\$623,977

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COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	CELS Academic Unit 3	Sun,Gongqin	National Institute of Health	Multi-Driver Proliferation and Combination Targeted Cancer Therapy	\$1,500,257	\$1,200,206
			United States Army	Multi-Driver Proliferation and Combination Targeted Therapy for Triple Negative Breast Cancer	\$667,020	\$667,020
		Trandafir,Simona C	National Science Foundation	Assessing Flood Risk and Building Coastal Resilience Using and Applying Big Data	\$5,999,996	\$803,999
		Wetherbee,Bradley	Nova Southeastern University,Inc.	CI - Direct Determination of Natural Mortality Rates of Shortfin Mako Sharks, Isurus Oxyrinchus in the Western North Atlantic Ocean by Satellite Telemetry for Improving Stock Assessments	\$68,040	\$68,040
		Zhang,Ying	Intl Human Frontier Science Program Org	Evolution and Function of Transmembrane Transporters in Host/Symbiont Metabolic Collaboration	\$300,001	\$300,001
			National Science Foundation	Collab. Research: MEMONET: Understanding Memory in Neuronal Networks through a Brain-Inspired Spin-Based Artificial Intelligence	\$399,551	\$399,551
				MRI: Acquisition of a High-Performance Computing and Data Storage System for Integrated Marine Omics	\$1,208,801	\$241,760
				RII Track 4: Visualization of Host-Microbe Interactions Using CLASI-FISH	\$260,997	\$260,997
				Understanding the Mechanism of Bacteria-Nanomaterial Interactions Using Genome-Scale Models of Metabolic Networks	\$389,065	\$155,626
			United States Dep. of Energy	Enabling the Systems Biology of Nutrient Flux Simulations in Sediment Microbiomes through genome-Scale Modeling	\$1,165,325	\$582,663
		Total				<b>\$36,013,898</b>
	Dean Environment Life Science	Castro,Kathleen	Walton Family Foundation	CI - Retrospective Evaluation of WWF's Oceans and Fisheries Work in Mexico	\$172,498	\$43,125
		Dewsbury,Bryan M	National Science Foundation	CUE Ethics: Building Pathways to diverse Computationally-Skilled Disciplinary Scientists	\$0	\$0

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COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES	Dean Environment Life Science	Kirby, John	Exec. Office of Health and Human Services	FY 2019 - The Hatch Act of 1887 (Multistate Research Fund), Rhode Island	\$518,101	\$518,101
			US Department of Agriculture	Null	\$2,823,987	\$2,823,987
				CELS_FY2018 Rhode Island Animal Health Capacity Grant	\$20,454	\$20,454
				FY 2019 - Expanded Food and Nutrition Education Program	\$161,618	\$161,618
				FY 2019 - The Hatch Act of 1887 (Regular Research), Rhode Island	\$1,023,261	\$1,023,261
				FY 2019 Joint Cooperative Extension Program	\$1,135,279	\$1,135,279
				FY 2019 McIntire-Stennis Cooperative Forestry Research Program	\$147,346	\$147,346
				McIntire Stennis FY 19	\$147,346	\$147,346
				Renewable Resources Extension Act Program	\$46,448	\$46,448
		Lane, Christopher E	National Science Foundation	Workshop to Stimulate Research on Microbial Eukaryotic Diversity	\$84,346	\$84,346
		Schwartz, Rachel	National Science Foundation	CAREER: Facilitating the Use of Genomic Data in Evolutionary Biology	\$1,259,139	\$1,259,139
				CUE Ethics: Building Pathways to diverse Computationally-Skilled Disciplinary Scientists	\$0	\$0
		Sheely, Deborah L	Substance Abuse & Mental Health Services	IIHI Community First Provider Program - SAMHSA ROTA Program	\$506,033	\$101,207



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<b>COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES</b>	Dean Environment Life Science	Skrobe,Laura	US Dept of Commerce NOAA	Developing a Market for Soft Shell Rock Crab, Cancer Irroratus	\$215,692	\$140,200
		Thornber,Carol	US Dept of Commerce NOAA	Identifying Toxins from Green Tides and Their Impacts on Higher Trophic Levels of Economic Importance	\$4,243,724	\$1,273,117
		Trevino Pena,Melva	Walton Family Foundation	CI - Retrospective Evaluation of WWF's Oceans and Fisheries Work in Mexico	\$172,498	\$43,125
		Total				<b>\$8,968,098</b>
	Fish-Animal-Vet-Sc..	Davies,Andrew	US Dept of Commerce NOAA	CI - Characterizing Community-Level Plastic Exposure in a Model Bay Ecosystem Using Raman Spectroscopy and Molecular Isotope Geochemistry	\$297,699	\$29,770
		Sartini,Becky	US Department of Agriculture	Best Management Practices for Backyard and Small-Scale Egg Producers	\$14,902	\$14,902
		Total				<b>\$44,672</b>
	Geosciences	Boving,Thomas	National Science Foundation	Communication and Advanced Materials at the Nexus of Energy and Water for Transformational Graduate Education	\$2,999,950	\$299,995
		Total				<b>\$299,995</b>
	Total					<b>\$65,623,843</b>
<b>GRADUATE SCHOOL</b>	Graduate Studies	Mosley,Alycia N	National Institute of Health	RI - BP ENDURE: Neuroscience Education Partnerships Across Greater Rhode Island	\$405,298	\$162,119
		Total				<b>\$162,119</b>
	Total					<b>\$162,119</b>

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GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Coastal Resources Center	Crean,Teresa	RI Coastal Res Mgt.Council	CI - Rhode Island Shoreline Adaptation for Resilience and Habitat Enhancement	\$33,725	\$33,725
		Cygler,Azure	Rhode Island Council for the Humanities	CI - Oral Histories of Retiring/Recently Retired Knowledge Experts in Coastal and Marine Conservation and Governance	\$11,952	\$11,952
			Sea Pact	CI - Developing a Web-Based, Map-Enabled Tool to Streamline Aquaculture Permitting Across RI with Model/Learnings Available to other states	\$29,976	\$29,976
			US Dept of Commerce NOAA	CI - Development and Promotion of Marketable Seafood Product(s) from Slipper Lipets (Crepidula Fornicata), an Abundant, Underutilized (Bycatch) Species - Pilot Study in the Rhode Island Quahog Fishery	\$299,702	\$299,702
		Cygler,Azure Dee	University of Connecticut STORRS	Advancing Southern New England Shellfish Aquaculture through an Engaged Public and Next Generation Tools	\$260,000	\$260,000
			US Dept of Commerce NOAA	CI - Sea Grant Northeast Regional Lobster Extension Program: Rhode Island	\$60,000	\$30,000
				Identifying Key Attributes Associated with Aquaculture Growth in the US	\$249,728	\$24,973
		Freeman,Peter	International Union for Conservation of	CI - Regional Coastal Biodiversity Project	\$281,999	\$70,500
			National Science Foundation	CI - CoPe-RCN: Coastal Change and Recreation Observatory	\$481,707	\$289,024
			PACT	CI - REFRESH	\$1,890,339	\$472,585
			Walton Family Foundation	CI - Retrospective Evaluation of WWF's Oceans and Fisheries Work in Mexico	\$172,498	\$43,125
		Kent,Karen	US Agcy for International Dev.	CI - USAID/Senegal Fee the Future Fisheries, Biodiversity and Livelihoods (FBL) Activity	\$15,000,000	\$9,000,000
			US Department of Agriculture	CI - Monitoring, Evaluation and Analytical Support Services (ASSESS URI II)	\$1,500,000	\$1,350,000

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GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Coastal Resources Center	Kotowicz,Dawn	National Science Foundation	CI - CoPe-RCN: Coastal Change and Recreation Observatory	\$481,707	\$192,683
			RI Natural History Survey	CI - Climate Resilient Markets: Adapting to the Fisheries of the Future	\$181,580	\$63,553
			University of Connecticut STORRS	Nurturing the Successful Growth and Maturation of a Domestic Seaweed Aquaculture Industry: Identifying and Removin Barriers and Promoting Opportunities	\$98,405	\$98,405
			University of Delaware	CI - Growers' Guide to Marketing Kelp	\$50,000	\$50,000
			University of New Haven	CI - National Sea Grant American Lobster Research Program: Socio-economic Lessons Learned from Southern New England as they Pertain to Georges Bank and the Gulf of Maine	\$200,350	\$100,175
			US Dept of Commerce NOAA	An Investigation of Residents' Preferences for Aquaculture Development in Southern New England Coastal Waters	\$249,728	\$37,459
				CI - Exploring New Aquaculture Opportunities - 2019 - Developing Seaweed Market Opportunities	\$100,000	\$100,000
				CI - Social, Behavioral and Economic Research Needs in Aquaculture - 2019	\$249,341	\$187,006
		Lazar,Najih	PACT	CI - REFRESH	\$1,890,339	\$945,170
			University of Minnesota	CI - Farming and Fishing in Lake Malawi	\$622,246	\$93,337
			US Agcy for International Dev.	CI - USAID/Senegal Fee the Future Fisheries, Biodiversity and Livelihoods (FBL) Activity	\$15,000,000	\$6,000,000
		Mc Nally,Catherine F	University of Minnesota	CI - Farming and Fishing in Lake Malawi	\$622,246	\$155,562
		Mccann,Jennifer	US Dept of Commerce NOAA	CI - Sea Grant Northeast Regional Lobster Extension Program: Rhode Island	\$60,000	\$30,000

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GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Coastal Resources Center	McNally,Catherine	University of New Haven	CI - National Sea Grant American Lobster Research Program: Socio-economic Lessons Learned from Southern New England as they Pertain to Georges Bank and the Gulf of Maine	\$200,350	\$100,175
		Ricci,Glenn	International Union for Conservation of	CI - Regional Coastal Biodiversity Project	\$281,999	\$70,500
		Torell,Elin	PACT	CI - REFRESH	\$1,890,339	\$472,585
			US Department of Agriculture	CI - Monitoring, Evaluation and Analytical Support Services (ASSESS URI II)	\$1,500,000	\$150,000
			Walton Family Foundation	CI - Retrospective Evaluation of WWF's Oceans and Fisheries Work in Mexico	\$172,498	\$43,125
		Walsh,John	National Fish and Wildlife Foundation	Improving Coastal Resilience and Habitat through Pond-to-Beach Sediment Restoration, South-Coast, RI	\$171,478	\$12,861
	Total					<b>\$20,818,154</b>
	GSO Dean	Loose,Brice	National Science Foundation	Detection the Presence and Impact of Tourist Vessel Navigation Using Archived Data Sources and a Co-Produced Observing System to Study Implications for Indigenous Communities and Environmental Governan..	\$1,284,543	\$256,909
		Total				<b>\$256,909</b>
GSO Facilities	Palazzetti,David	Oregon State University	RCRV2 Phase III - Ship Construction		\$250,000	\$250,000
		Wei,Meng	Leidos Inc.	Joint Modeling of Nuclear Explosions Using 3d Nonlinear Calculations and InSAR	\$96,121	\$96,121
	Total					<b>\$346,121</b>
GSO Faculty	Ballard,Robert	US Dept of Commerce NOAA	Ocean Exploration Cooperative Institute (OECI)		\$3,059,143	\$2,049,626

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GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Faculty	Bao,Xueyang	AIR FORCE RESEARCH LABORATORY	Integrated Deterministic and Stochastic Full-Waveform Model of the Middle East	\$1,046,957	\$314,087
		Beinart,Roxanne	National Science Foundation	CI - Collaborative Research: Identifying the Ecological and Physiological Mechanisms Underlying Symbiotic Tubeworm Coexistence at Cold Seeps	\$447,487	\$447,487
				MRI: Acquisition of a High-Performance Computing and Data Storage System for Integrated Marine Omics	\$1,208,801	\$60,440
			Simons Foundation	CI - Patterns of Specificity and Maintenance in Microbe-Microbe Partnerships	\$539,246	\$539,246
		Campbell,Robert	National Science Foundation	CI - Collab. Research: NNA - Building a Collaborative Framework for Coordination and Integration of Sustained Autonomous Observing: Kotzebue Sound Test Bed	\$494,927	\$494,927
		Carey,Steven	National Science Foundation	Collab. Research: Origin and Evolution of Intraplate Magmatism at the Revillagigedo Archipelago, Mexico	\$533,314	\$53,331
		Coleman,Dwight	BBC	BBC Blue Planet Live 2019 - R/V Atlantis	\$51,498	\$51,498
			Naval Undersea Warfare Center	NUWC 2019 Collaboration with the URI Inner Space Center	\$102,755	\$102,755
			OCEAN EXPLORATION TRUST	2019 E/V Nautilus Exploration Season - Samoan Clipper Exploration	\$16,000	\$16,000
				Mapping Support for Exploration Using the E/V Nautilus	\$41,000	\$41,000
				NASA SUBSEA Subaward for Gorda Ridge Expedition 2019	\$31,500	\$31,500
				NASA SUBSEA Subaward for Loihi Seamount Expedition 2018	\$31,500	\$31,500
				Ocean Networks Canada and Division of Fisheries and Oceans Canada 2018 - Program Support for the E/V Nautilus	\$58,000	\$58,000

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GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Faculty	Coleman,Dwight	OCEAN EXPLORATION TRUST	telepresence Exploration of NOAA's National Marine Sanctuary 2019	\$44,000	\$44,000
				Telepresence-Enabled Ocean Exploration Using the E/V Nautilus and a Mobile ROV System in Support of NOAA's Ocean Exploration Program	\$105,057	\$105,057
			University of California, San Diego	Cyberinfrastructure for the Academic Research Fleet	\$1,118,706	\$1,118,706
			US Dept of Commerce NOAA	Ocean Exploration Cooperative Institute (OECI)	\$3,059,143	\$1,009,517
				Partnership with the URI Inner Space Center to Support Systematic Ocean Exploration - 2019 and 2020 Seasons	\$600,000	\$600,000
			Woods Hole Oce Institution	Broadcast Support for the 2019 Stellwagen Bank Expedition	\$10,000	\$10,000
				Telepresence Equipment for the R/V Atlantis	\$24,516	\$24,516
				Telepresence Equipment for the R/V Neil Armstrong	\$24,516	\$24,516
		Collie,Jeremy	NE Fishery Management Council	Fish Population Dynamics	\$19,530	\$19,530
			US Dept of Commerce NOAA	CI - Dynamics Modeling of the Jonah Crab Fishery	\$257,735	\$257,735
				CI - Novel Tags to Track American Lobster Movements in a Warming Gulf of Maine	\$420,670	\$252,402
				Program Income for AWD05127	\$0	\$0
			Woods Hole Oce Institution	NOAA Cooperative Institute for the North Atlantic Region (CINAR)	\$4,420,505	\$2,210,253

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GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Faculty	Corliss,Bruce	Woods Hole Oce Institution	NOAA Cooperative Institute for the North Atlantic Region (CINAR)	\$4,420,505	\$2,210,253
		Cornillon,Peter	NatAeronautics & Space Admin	A Framework for the Deconvolution of Oversampled Fields of Geophysical Parameters Obtained from Satellite-Borne Passive Microwave Radiometers	\$411,502	\$164,601
				Using Machine Learning to Deconvolve Passive Microwave Sea Surface Temperature Fields	\$476,706	\$190,682
		D'Hondt,Steven	National Science Foundation	Collab. Research: Influence of Pressure on Hadal Communities in Subseafloor Sediment	\$1,008,083	\$504,042
			RI Science and Technology Advisory Counc	Open Bay: Exploring the Universe of Estuarine Data	\$78,826	\$78,826
		Desilva,Annette	National Science Foundation	Ocean Observatories Initiative Facility Board (OOIFB) Administrative Suport Office	\$2,213,197	\$2,213,197
		Donohue,Kathleen	National Science Foundation	Collab. Research: Meridional Coherence Across the Tail of the Grand Banks and Southeast Newfoundland Ridge	\$1,640,998	\$820,499
		Gibson,Carol	US Dept of Commerce NOAA	CI - Voices of the Deep: Searching for Southern New England's Offshore Submerged Paleocultural Landscapes	\$476,006	\$119,002
		Ginis,Isaac	RI Science and Technology Advisory Counc	Communicating Disaster Consequence Thresholds Through Storm Model Visualizations: Potential for Wastewater Treatment Facility Impacts on Narragansett Bay	\$79,973	\$19,993
		Graham,Rebecca	National Science Foundation	MRI: Acquisition of a Customized GC-IRMS for Isotopic Analysis of Nitrate and Nitrous Oxide at URI	\$390,670	\$234,402
		Heikes,Brian	Brown University	Quantifying Wet and Dry Deposition of Ammonium to Narragansett Bay	\$14,999	\$14,999
		Heil Jr,Clifford W	The Leakey Foundation	Constraining Hominin Record through High Resolution Paleomagnetic Stratigraphy at Olduvai Gorge, Tanzania	\$24,986	\$24,986
		Hutchison,Zoe L	US Fish and Wildlife Service	Habitat Modeling for Keystone Forage Fish and Federally-Endangered Predators	\$209,726	\$62,918

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GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Faculty	Kelley,Katherine	National Science Foundation	Collab. Research: Magmatic Warning Signals of Supervolcanoes: Geochemical and Geochronologic Evidence for Melt Storage and Growth Prior to Eruption of the Valles Caldera	\$260,839	\$260,839
				Collab. Research: Origin and Evolution of Intraplate Magmatism at the Revillagigedo Archipelago, Mexico	\$533,314	\$239,991
		Kincaid,Christopher	RI Science and Technology Advisory Council	Building Essential Bridges Between Ecosystem Data and Hydrodynamic-Ecosystem Models of Rhode Island Coastal Waters through CHN Analysis	\$61,330	\$61,330
		King,John	INSPIRE Environmental LLC	CI - Deep Water Wind EMF Survey: EMF Study of the Export and Inter-Array Cables, Rhode Island	\$50,806	\$50,806
			National Fish and Wildlife Foundation	Improving Coastal Resilience and Habitat through Pond-to-Beach Sediment Restoration, South-Coast, RI	\$171,478	\$34,296
			New York State Energy Research & Develop	Food Web-Informed Integrated and Regional Environmental Impact Monitoring	\$292,900	\$29,290
			RI Commerce Corporation	MIKEL Submerged Acoustic Navigation System Generation 5 Beacon	\$50,000	\$50,000
			RI Science and Technology Advisory Council	Understanding and Simulating the Impact of Historical Mill Dam-break/Dam-Removals on the Health of Narragansett Bay	\$80,000	\$40,000
			The Stonington Historical Society	CI - 1814 Battle of Stonington Battlefield Protection Project	\$35,371	\$35,371
			US Dept of Commerce NOAA	CI - Voices of the Deep: Searching for Southern New England's Offshore Submerged Paleocultural Landscapes	\$476,006	\$238,003
			US Dept of Interior	CI - Regional Scale Benthic Habitat Mapping at Northeast Region Coastal Parks Using CMECS	\$75,000	\$7,500
			US Fish and Wildlife Service	Habitat Modeling for Keystone Forage Fish and Federally-Endangered Predators	\$209,726	\$20,973
		LaFrance Bartley,Monique	New York State Energy Research & Develop	Food Web-Informed Integrated and Regional Environmental Impact Monitoring	\$292,900	\$263,610



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GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Faculty	LaFrance Bartley,Monique	US Dept of Interior	CI - Regional Scale Benthic Habitat Mapping at Northeast Region Coastal Parks Using CMECS	\$75,000	\$67,500
			US Fish and Wildlife Service	Habitat Modeling for Keystone Forage Fish and Federally-Endangered Predators	\$209,726	\$125,836
	Lohmann,Rainer	Dartmouth College	CI - Dartmouth College SRP Collaboration	\$644,010	\$644,010	
			Understanding Sources of Contaminants of Established and Emerging Concern in Great Bay, NH	\$97,510	\$97,510	
		Environment & Climate Change Canada	Preparation and Analysis of Passive Samplers for Organic Contaminants in Lakes and Seawater	\$18,480	\$18,480	
		Hudson River Foundation	Sources, Partitioning and Bioaccumulation of PFASs Across the New York/New Jersey Harbor Estuary	\$248,002	\$248,002	
			Sources, Partitioning and Transformation of PFASs Across the New York/New Jersey Harbor Estuary	\$248,290	\$248,290	
		National Science Foundation	Concentrations and Source Assessment of Black Carbon Across Tropical Atlantic Air and Sediment	\$522,172	\$469,955	
		New York University	CI - Passive Sampler Development to Characterize Sorption, freely Dissolved Concentrations and Bioaccumulation of Dioxins, PCBs and Methyl-Mercury at Contaminated Sites	\$1,025,050	\$1,025,050	
		RI Science and Technology Advisory Council	Testing Nanographene as Passive Samplers for Emerging Contaminants of Concerns in Narragansett Bay	\$80,000	\$80,000	
		Strategic Environ Res & Develop Program	CI - Evaluating Passive Sampling Approaches for Determining PFASs in Water, Soil porewater, and Biological Tissue	\$699,734	\$699,734	
		US Environ Protection Agcy	Practical Approach for Attenuating PFAS Contaminated Landfill Leachate Using Peroxone Activate Persulfate (PAP)	\$899,165	\$89,917	
Loose,Brice	National Science Foundation	Collab. Research: How to Trace Glacial Meltwater in the Ocean by Shipboard Hydrographic Analysis of Dissolved Neon and Krypton	\$344,154	\$344,154		

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GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Faculty	Maranda,Lucie	RI Commerce Corporation	Testing Onvector High-Voltage Plasma for Ballast Water Management	\$42,866	\$34,293
			TelAztec	Evaluation of TelAztec Materials Following Seawater Immersion	\$11,381	\$11,381
	McMahon,Kelton	National Science Foundation		CI - Collab. Research: Reconstructing Fifty Years of Climate-Driven Nutrient-Plankton-Ichthyoplankton Dynamics in the Gulf of Maine Using Compound-Specific Isotope Analysis	\$654,980	\$589,482
				MRI: Acquisition of a Customized GC-IRMS for Isotopic Analysis of Nitrate and Nitrous Oxide at URI	\$390,670	\$156,268
		US Dept of Commerce NOAA		CI - Characterizing Community-Level Plastic Exposure in a Model Bay Ecosystem Using Raman Spectroscopy and Molecular Isotope Geochemistry	\$297,699	\$133,965
	Menden-Deuer,Susan..	NatAeronautics & Space Admin		CI - Light Dependence in Herbivory Rates for North Atlantic Plankton	\$70,000	\$70,000
		National Science Foundation		CI - Collab. Research: Empirical Testing of Intra-Specific Trait Variability Strategies as Determinants for Coexistence in the Competitive and Variable Plaktonic Realm	\$774,175	\$774,175
		RI Science and Technology Advisory Council		STAC 2019 Coupling Physical and Ecological Models to Understanding How Climate Drives Disease Outbreaks in Narragansett Bay	\$80,000	\$32,000
	Mouw,Colleen	RI Science and Technology Advisory Council		Ocean Immersion: Microscopic World of Phytoplankton	\$77,471	\$38,736
		University of New Hampshire		CI - Particulate Absorption Training and Sample Processing	\$2,499	\$2,499
	Omand,Melissa M	National Science Foundation		Collab. Research: A Cable-Guided Vertical Profiler for Concurrent Physical, Acoustic, and Visual Characterization of Mesopelagic Ecosystems	\$885,250	\$177,050
		RI Science and Technology Advisory Council		Ocean Immersion: Microscopic World of Phytoplankton	\$77,471	\$38,736
		US Dept of Commerce NOAA		Ocean Submesoscale Currents and Vertical Transport	\$335,363	\$335,363

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GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Faculty	Oviatt,Candace	Massachusetts Dept of Environ Protection	CI - Expansion of the Narragansett Bay Fixed Site Monitoring Network in Mt. Hope Bay (year 4: 2019-2020)	\$89,407	\$44,704
			RI Dept of Environ Magt	IIHI - Perform Analysis of Chlorophyll-A Concentrations from Water Quality Samples	\$9,440	\$9,440
		Palter,Jaime	NatAeronautics & Space Admin	Relating Satellite-Observed Circulation Variability at the Southeast Newfoundland Ridge to Changing Properties on the North American Shelf	\$134,518	\$13,452
			National Science Foundation	Collab. Research: Meridional Coherence Across the Tail of the Grand Banks and Southeast Newfoundland Ridge	\$1,640,998	\$820,499
				Collab. Research: Multi-Platform Approach to Evaluate Spring Bloom Timing and Carbon Export Processes in the Subpolar North Atlantic Ocean	\$68,993	\$68,993
				Collab. Research: Wintertime Air-Sea Heat and Carbon Exchange in the Gulf Stream Observed with an Autonomous Wind-Powered Surface Vehicle	\$308,632	\$308,632
				Developing an Intelligent Path-Planning System on Underwater Gliders for Eddy Sampling	\$403,512	\$201,756
				RAPID: Observing Heat and Carbon Fluxes with an Autonomous Wind-Powered Surface Vehicle in the Gulf	\$40,014	\$40,014
		Pockalny,Robert	National Science Foundation	Collab. Research: Influence of Pressure on Hadal Communities in Subseafloor Sediment	\$1,008,083	\$504,042
				Collab. Research: Origin and Evolution of Intraplate Magmatism at the Revillagigedo Archipelago, Mexico	\$533,314	\$239,991
				Concentrations and Source Assessment of Black Carbon Across Tropical Atlantic Air and Sediment	\$522,172	\$52,217
		Robinson,David	US Dept of Commerce NOAA	CI - Voices of the Deep: Searching for Southern New England's Offshore Submerged Paleocultural Landscapes	\$476,006	\$119,002
		Roman,Charles T	National Science Foundation	Collab. Research: A Cable-Guided Vertical Profiler for Concurrent Physical, Acoustic, and Visual Characterization of Mesopelagic Ecosystems	\$885,250	\$354,100

## PROPOSALS SUBMITTED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Faculty	Roman, Christopher	Create LLC	Create - Surface Vehicle Mapping and Path Planning	\$98,124	\$98,124
				ROV Visualization System	\$64,200	\$32,100
			Dartmouth College	RII Track-2 FEC: Computational Methods and Autonomous Robotics Systems for Modeling and predicting Harmful Cyanobacterial Blooms	\$945,360	\$311,969
			National Science Foundation	RII Track-2 FEC: Computational Methods and Autonomous Robotics Systems for Modeling and Predicting Harmful Cyanobacterial Blooms	\$945,360	\$311,969
			Physical Science Inc.	Enhanced Sonar Feature Reacquisition Using Simultaneous Localization and Mapping Techniques	\$417,001	\$417,001
			University of Hawaii	CI - Advancing Mesophotic Coral Reef Ecosystem Research in American Samoa	\$257,799	\$257,799
		Rossby, Hans	US Dept of Commerce NOAA	CI - Novel Tags to Track American Lobster Movements in a Warming Gulf of Maine	\$420,670	\$84,134
		Rynearson, Tatiana	National Science Foundation	MRI: Acquisition of a High-Performance Computing and Data Storage System for Integrated Marine Omics	\$1,208,801	\$181,320
		Scowcroft, Gail	National Science Foundation	CI - Research to Enhance Public Education and Action Related to Tropical Storms	\$1,998,991	\$1,998,991
		Shen, Yang	AIR FORCE RESEARCH LABORATORY	Integrated Deterministic and Stochastic Full-Waveform Model of the Middle East	\$1,046,957	\$732,870
			National Science Foundation	Collab. Research: An Open Access Experiment to Seismically Image Galapagos Plume-Ridge Interaction	\$335,201	\$335,201
				PREEVENTS Track 2: Collaborative Research: Volcanic Hazards Across the Waterline: Linking Onshore-Offshore Deformation and Magmatic Processes at Kilauea Volcano	\$310,234	\$310,234
		Smith, David	RI Commerce Corporation	Testing Onvector High-Voltage Plasma for Ballast Water Management	\$42,866	\$8,573

PROPOSALS SUBMITTED THROUGH THE  
DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Faculty	Stoffel,Heather E	Massachusetts Dept of Environ Protection	CI - Expansion of the Narragansett Bay Fixed Site Monitoring Network in Mt. Hope Bay (year 4: 2019-2020)	\$89,407	\$44,704
		Ullman,David	National Science Foundation	Collab. Research: Dynamics of Extreme Shelfbreak Exchange Events	\$140,180	\$140,180
		Walsh,John	East Carolina University	CI - Gulf Stream Resource Exploration and Assessment - Habitat Characterization and Dynamics	\$135,108	\$135,108
			National Science Foundation	CI - RAPID: Examining Seafloor Dynamics Offshore Bogue Banks, NC Related to Hurricane Florence	\$64,704	\$64,704
			Quantum Spatial, Inc.	CI - Large Submarine Canyons of the United States Outer Continental Shelf	\$111,228	\$111,228
		Watts,D Randolph	AMSOL	Service and Upgrade ASTTEX-MIT PIES	\$155,346	\$155,346
			Inha University	Upgrade 4 CPIES for Western Equatorial Pacific	\$65,601	\$65,601
			KOREA INSTITUTE OF OCEAN SCIENCE & TECHN	KIOST Data-Training for Kuroshio Extension	\$3,600	\$3,600
				Repair PIES Electronics Board for SN279	\$0	\$0
			National Academy of Sciences	Near Real-Time Data Harvesting from Deep Moored Instruments via Unmanned Surface Vessels	\$398,449	\$398,449
			Seismic Technologies Ltd.	Western Pacific Current Systems Study, Using 5 CPIES Each with 4 PDS	\$418,445	\$418,445
			Seoul National University	Kuroshio Extension Studies with 2 CPIES	\$128,681	\$128,681
			SINO INSTRUMENTS CO., LTD	CPIES Batteries and Firmware Upgrade for National Taiwan University	\$0	\$0

PROPOSALS SUBMITTED THROUGH THE  
DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Faculty	Watts,D Randolph	UKRI	PIES Accessories - Mechanical Parts for NOC - Southampton - UK	\$2,280	\$2,280
			UNIVERSITY OF BREMEN-DEU	PIES Upgrades and Preparations for University of Bremen	\$13,384	\$13,384
			University of Gothenberg	Arctic Ice Studies Using Twenty TPOPS	\$88,600	\$88,600
			University of Miami	PIES accessories - Redeployment parts for Pawson/CIMAS	\$1,648	\$1,648
			University of Washington	Replace Glass Sphere Pressure Housing for a PIES for APL-UW	\$4,840	\$4,840
			Woods Hole Oce Institution	Argo Floats Relay Data from Deep Moored Instruments in Near Real-Time	\$158,373	\$158,373
		Wei,Meng	SOUTHERN CALIFORNIA EARTHQUAKE CENTER	Developing an Improved Model for Triggered and Spontaneous Creep Events on the Superstition Hills Fault	\$20,027	\$20,027
		Wishner,Karen	National Science Foundation	Collab. Research: A Cable-Guided Vertical Profiler for Concurrent Physical, Acoustic, and Visual Characterization of Mesopelagic Ecosystems	\$885,250	\$88,525
		Zhou,Mingxi	National Science Foundation	Developing an Intelligent Path-Planning System on Underwater Gliders for Eddy Sampling	\$403,512	\$201,756
	Naval Undersea Warfare Center		Towards Autonomous UUV-Based Seafloor Reconnaissance with Artificial Intelligence	\$36,173	\$36,173	
		Total				\$34,649,197
	GSO Marine Office	Glennon,Thomas	National Science Foundation	Null	\$0	\$0
			US of Office of Naval Research	ONR Ship Time and Marine Technician Support for the RV Endeavor - CY 2019	\$89,299	\$89,299

PROPOSALS SUBMITTED THROUGH THE  
DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
GRADUATE SCHOOL OF OCEANOGRAPHY	GSO Marine Office	Total				\$89,299
	GSO Research	Monteiro GoncAlves Neto,Afonso Henrique	NatAeronautics & Space Admin	Relating Satellite-Observed Circulation Variability at the Southeast Newfoundland Ridge to Changing Properties on the North American Shelf	\$134,518	\$121,066
		Total				\$121,066
	GSO Rhode Island Sea Grant	Nixon,Dennis	University of Washington	University National Oceanographic Laboratory System (UNOLS) Host	\$43,113	\$43,113
			US Dept of Commerce NOAA	CI - RISG Network Vision Advancement Proposal-Implementing Sea Grant Visions through a Diversity, Equity, and Inclusion (DEI) Lens	\$40,000	\$40,000
				Knauss 2020 RISG Nixon - candidate BROZYNA	\$71,500	\$71,500
				Knauss 2020 RISG Nixon - candidate GARDINER	\$71,500	\$71,500
				Knauss 2020 RISG NIXON - candidate TEN BRINK	\$71,500	\$71,500
		Total				\$297,613
	Total					\$56,578,359
PROVOST	CEPS Library	Larsen,Peter	Johnson & Wales University	Open Textbook Initiative, Phase 2 Pilot	\$149,450	\$149,450
		Total				\$149,450
	Faculty Affairs	Chatham,Dorothy	National Science Foundation	Solve Together Fostering Participatory-Problem Solving Competencies in K-12 Students	\$299,894	\$44,984

PROPOSALS SUBMITTED THROUGH THE  
DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
PROVOST	Faculty Affairs	Total				\$44,984
	Total					\$194,434
UNIVERSITY LIBRARY	DataSpark	Pierson, Kimberly	Integrated Healthcare Partners	Library, DataSpark, IHPACO Phase 1	\$29,200	\$29,200
			National Science Foundation	SSIREP - RIDIR: Accessible Big Data for Interdisciplinary Social, Behavioral and Economic State Policy Research	\$1,482,660	\$444,798
			RI Department of Education	Library, DataSpark, RIDE, Data Services, FY19	\$50,000	\$50,000
			RI Department of Health	Library, DataSpark, RIDOH, Data Utilization, CY19, EPHTN	\$54,758	\$54,758
				Library, DataSpark, RIDOH, Data Utilization, CY19, Lead	\$20,998	\$20,998
			RI Office of Postsecondary Commissioner	Library, DataSpark, OP, Data Warehouse, FY19	\$30,000	\$30,000
				Library, DataSpark, OPC, Data Warehouse, FY19	\$30,000	\$30,000
				Library, DataSpark, OPC, Opportunity Youth, FY19	\$10,000	\$10,000
			United Way of Rhode Island	Library, DataSpark, United Way HSLI2019	\$15,000	\$15,000
			West Elmwood Housing Development Corp.	Library, DataSpark, West Elmwood DSI	\$25,000	\$25,000
		Swindal, Megan G	National Science Foundation	SSIREP - RIDIR: Accessible Big Data for Interdisciplinary Social, Behavioral and Economic State Policy Research	\$1,482,660	\$444,798



PROPOSALS SUBMITTED THROUGH THE  
DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
UNIVERSITY LIBRARY	DataSpark	Total				\$1,154,552
	Library	Dekker,Harrison	Lyrasis	AI and the Future of the Knowledge Community	\$33,593	\$33,593
			Venturewell	Making Sense of Artificial Intelligence	\$14,900	\$14,900
		Dekker,Harrison G	UMass Medical School	Increasing Critical Thinking-Related to Sustainable Eating Behavior Choices in College Students	\$9,875	\$4,938
		Ferria,Angelica	Lyrasis	AI and the Future of the Knowledge Community	\$33,593	\$0
			Venturewell	Making Sense of Artificial Intelligence	\$14,900	\$0
		Mandal,Indrani	Venturewell	Making Sense of Artificial Intelligence	\$14,900	\$0
		Morse,Karen	RI Foundation	Media Project: Increased Access to Women's Collections at URI	\$2,800	\$2,800
		Total				\$56,231
	Total					\$1,210,783
VICE PRESIDENT FOR ADMINISTRATION	EEC School Programs	Oaks,Brietta M	National Institute of Health	IIHI - Nutritional Status Indicators and Adverse Birth Outcomes in a Large Multi-Ethnic Cohort of Pregnant Adolescents	\$145,820	\$145,820
		Total				\$145,820
	Total					\$145,820

PROPOSALS SUBMITTED THROUGH THE  
DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
FY2019

College	Dept Name	Investigator	Sponsor Name	Title	Proposal Amount	Portion Amount
VICE PRESIDENT FOR RESEARCH & ECONOMIC DEVELOPMENT	Research	Nwangwu,Winifred	Institut Pasteur de Tunis	Strengthening Administrative Research Capacities Towards a Better Scientific Competitiveness	\$20,000	\$20,000
		Total				\$20,000
	Small Business Development Ctr	Huttenhower,Edward	US Small Business Admin	Rhode Island Small Business Development Center 2019	\$611,111	\$611,111
		Total				\$611,111
	Total					\$631,111
	GRAND TOTAL					

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OF RHODE ISLAND

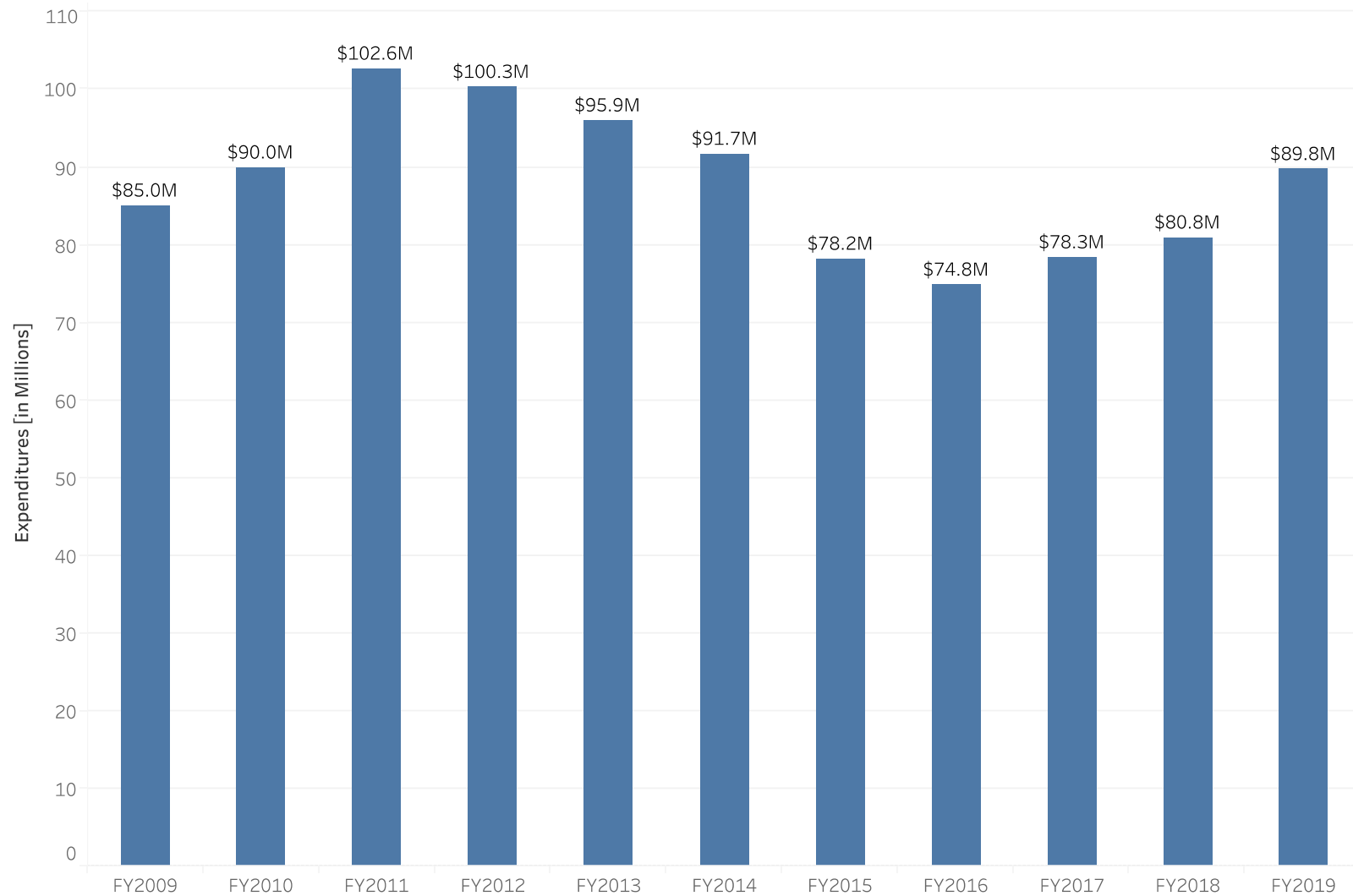
Division of Research and Economic Development

# EXPENDITURES METRICS FY2019

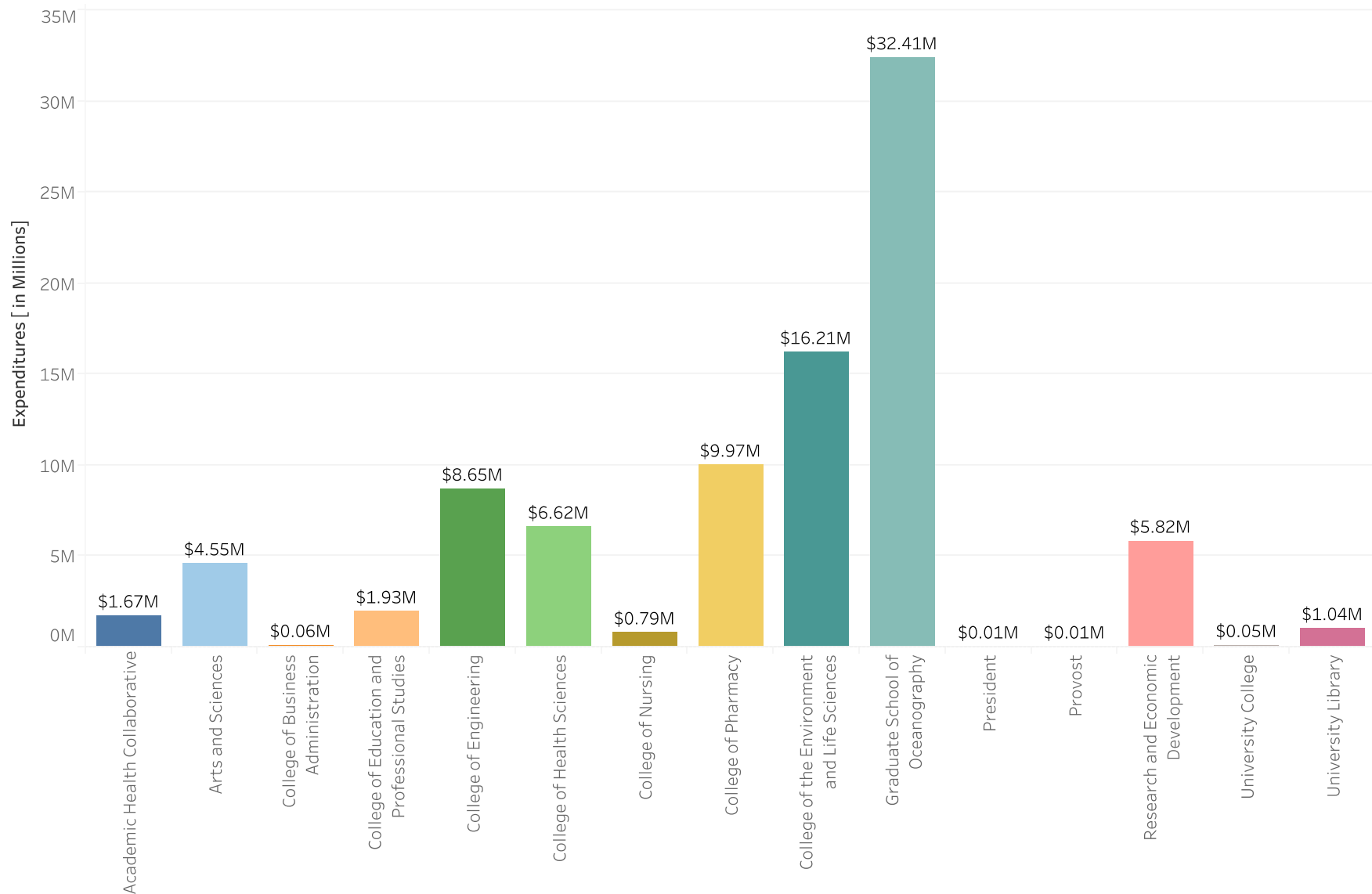
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## EXPENDITURES STEMMING FROM AWARDS RECEIVED THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT FY2009 - FY2019



# EXPENDITURES STEMMING FROM AWARDS THROUGH THE DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT BY COLLEGE FY2019



EXPENDITURES STEMMING FROM AWARDS THROUGH THE  
DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
BY DEPARTMENT  
FY2014 - FY2019

COLLEGE / UNIT	DEPARTMENT	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019
Academic Health Collaborative	IIHI ADMINISTRATION				\$6,874	\$1,259,256	\$1,669,863
	Total				<b>\$6,874</b>	<b>\$1,259,256</b>	<b>\$1,669,863</b>
Administration	ADMINISTRATION	\$1,813					
	EMERGENCY MANAGEMENT			\$11,976			
	GRANT & CONTRACT ACCOUNTING	\$0			\$4,512		
	POLICE				\$24,393		
	Total	<b>\$1,813</b>		<b>\$11,976</b>	<b>\$28,905</b>		
College of Arts and Sciences	ARCHEOLOGY AND APPLIED HISTORY	\$13,015	\$6,321	\$6,146	\$10,169	\$2,924	
	CHEMISTRY	\$3,668,093	\$5,217,375	\$4,320,469	\$2,807,596	\$2,278,633	\$2,033,868
	COMMUNICATION STUDIES	\$0	\$0	\$0			
	COMPUTER SCIENCE/STATISTICS	\$430,894	\$382,532	\$618,107	\$755,690	\$955,292	\$839,451
	ENGLISH	\$0			\$22,255	\$2,745	
	FEINSTEIN HUNGER CENTER	\$806,927	\$530,029	\$495,320	\$504,533	\$492,690	\$465,946
	HISTORY	\$89,622	\$278,409	\$15,558	\$78,929	\$154,552	(\$4,402)
	LANGUAGES	\$379,983	\$439,263	\$344,895	\$516,223	\$580,425	\$797,307
	LIBRARY AND INFORMATION STUDIES	\$39,935	(\$157)	\$202,816	\$163,860	\$97,146	\$5,268
	MATHEMATICS	\$7,918	\$49,009	\$0			
	PHILOSOPHY	\$0			\$2,000		
	PHYSICS	\$785,393	\$543,102	\$362,321	\$258,459	\$216,741	\$293,268
	POLITICAL SCIENCE			\$12,882	\$57,711	\$115,338	\$68,395
	SOCIOLOGY/ANTHROPOLOGY	\$0	\$0	\$85,120	\$35,547	\$19,157	\$47,941
	THE HARRINGTON SCHOOL					(\$509)	
	WRITING AND RHETORIC	\$5,224	\$31,012	\$0	\$1,104	\$4,545	\$4,963
	Total	<b>\$6,227,004</b>	<b>\$7,476,896</b>	<b>\$6,463,633</b>	<b>\$5,214,075</b>	<b>\$4,919,680</b>	<b>\$4,552,003</b>
College of Business Administration	DEAN'S OFFICE	\$36,331	\$237,638	\$181,070		\$127,111	\$63,655
	FACULTY - INSTRUCTION	\$50,028	\$19,818	\$0	\$54,422		
	TEXTILES, FASHION MERCHANDISING	\$5,116	\$20,600	\$4,034	\$10,107	\$3,966	(\$607)
	Total	<b>\$91,475</b>	<b>\$278,056</b>	<b>\$185,104</b>	<b>\$64,528</b>	<b>\$131,077</b>	<b>\$63,048</b>

FY2014, FY2015, FY2016, FY2017, FY2018 and FY2019 broken down by COLLEGE / UNIT and DEPARTMENT.

EXPENDITURES STEMMING FROM AWARDS THROUGH THE  
DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
BY DEPARTMENT  
FY2014 - FY2019

COLLEGE / UNIT	DEPARTMENT	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019
College of Education and Professional Studies	ASF CCE CHILD DEVELOPMENT CTR		\$5,732	\$0			
	BIOTECH MFG PROVIDENCE COHORT					\$68,281	\$70,111
	CENTER FOR HUMAN SERVICES	\$453,833	\$410,462	\$276,611	\$195,031	\$27,414	
	CEPS STRATEGIC INITIATIVES					\$104,390	\$179,761
	DEAN CEPS	\$90,203	\$48,497	\$34,680			
	EDUCATION AND SOCIAL POLICY RESEARCH						\$35,000
	LABOR AND INDUSTRIAL RELATIONS	\$4,203					
	SCHOOL OF EDUCATION	\$495,641	\$659,112	\$604,448	\$596,772	\$1,019,585	\$1,648,952
	Total	<b>\$1,043,880</b>	<b>\$1,123,802</b>	<b>\$915,739</b>	<b>\$791,802</b>	<b>\$1,219,670</b>	<b>\$1,933,824</b>
College of Engineering	CHEMICAL ENGINEERING	\$1,257,211	\$900,378	\$896,374	\$683,606	\$718,179	\$672,391
	CIVIL AND ENVIRONMENTAL ENGINEERING	\$503,104	\$479,380	\$533,373	\$661,874	\$661,521	\$1,526,528
	COEUT					\$47,520	
	DEAN'S OFFICE	\$80,910	\$93,343	\$104,869	\$66,864	\$88,132	\$59,584
	ELECTRICAL ENGINEERING	\$1,013,765	\$1,273,873	\$1,441,030	\$2,162,630	\$2,879,747	\$3,500,932
	INTERNATIONAL ENGINEERING PRORAM		\$29,242	\$29,942	\$951	\$23,836	
	MECHANICAL AND INDUSTRIAL SYSTEMS E..	\$1,192,173	\$868,934	\$1,045,140	\$1,565,095	\$1,165,074	\$1,256,778
	OCEAN ENGINEERING	\$985,387	\$1,376,909	\$1,350,862	\$1,638,877	\$1,417,213	\$1,635,029
	Total	<b>\$5,032,550</b>	<b>\$5,022,060</b>	<b>\$5,401,589</b>	<b>\$6,779,896</b>	<b>\$7,001,223</b>	<b>\$8,651,241</b>
College of Health Sciences	CANCER PREVENTION RESEARCH CTR	\$2,742,287	\$2,463,641	\$2,088,689	\$2,030,922	\$2,344,360	\$1,755,042
	COMMUNICATIVE DISORDERS	\$0	\$0	\$5,157	\$3,876		\$800
	DEAN'S OFFICE	\$446,462	\$483,703	\$111,218			\$46,475
	GERONTOLOGY	\$448,486	\$397,587	\$554,198	\$918,930	\$1,031,317	\$1,088,471
	HEALTH STUDIES						\$28,846
	HUMAN DEVELOPMENT & FAMILY STUDIES	\$143,624	\$98,711	\$71,491	\$73,671	\$111,539	\$112,158
	KINESIOLOGY		\$0	\$0	\$209,776	\$2,995	\$126,089
	KINGSTON CHILD DEVELOPMENT CTR		\$930	\$0			
	NUTRITION AND FOOD SCIENCE	\$1,566,934	\$649,964	\$98,798	\$1,226,797	\$1,859,258	\$2,268,423
	PHYSICAL EDUCATION AND EXERCISE	\$8,229	\$4,171	\$0			

FY2014, FY2015, FY2016, FY2017, FY2018 and FY2019 broken down by COLLEGE / UNIT and DEPARTMENT.

EXPENDITURES STEMMING FROM AWARDS THROUGH THE  
DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
BY DEPARTMENT  
FY2014 - FY2019

COLLEGE / UNIT	DEPARTMENT	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019
College of Health Sciences	PHYSICAL THERAPY	\$186,525	\$169,527	\$521,703	\$627,092	\$582,073	\$612,247
	PSYCHOLOGY	\$305,207	\$328,126	\$294,862	\$368,556	\$510,543	\$582,677
	Total	<b>\$5,847,754</b>	<b>\$4,596,359</b>	<b>\$3,746,115</b>	<b>\$5,459,620</b>	<b>\$6,442,084</b>	<b>\$6,621,227</b>
College of Nursing	DEAN NURSING	\$79,931	\$84,629	\$298,787	\$544,997	\$600,508	\$406,517
	NURSING INSTRUCTION	\$1,354,403	\$619,857	\$544,214	\$567,102	\$621,223	\$383,803
	Total	<b>\$1,434,334</b>	<b>\$704,486</b>	<b>\$843,001</b>	<b>\$1,112,100</b>	<b>\$1,221,731</b>	<b>\$790,320</b>
College of Pharmacy	BIOMEDICAL AND PHARMACEUTICAL SCIEN..	\$4,969,635	\$5,513,611	\$5,988,762	\$5,496,277	\$7,725,507	\$8,548,194
	CRIME LAB	\$27,285	\$12,912	\$36,745	\$22,146	\$20,819	\$36,888
	DEAN'S OFFICE					\$46,865	\$119,137
	LIVING RITE/HEALTH POLICY	\$2,772,421	\$3,088,135	\$729,664			
	PHARMACY PRACTICE	\$564,023	\$568,864	\$397,206	\$579,126	\$781,757	\$1,217,366
	RYAN INSTITUTE NEUROSCIENCE					\$49,965	\$49,580
	Total	<b>\$8,333,364</b>	<b>\$9,183,521</b>	<b>\$7,152,377</b>	<b>\$6,097,549</b>	<b>\$8,624,912</b>	<b>\$9,971,166</b>
College of the Environment and Life Sciences	AGRICULTURAL EXPERIMENT STATION	\$378,208	\$101,549	\$241			
	BIOLOGICAL SCIENCES	\$1,598,236	\$830,688	\$378,192	\$196,308	\$166,643	\$8,950
	CELL AND MOLECULAR BIOLOGY	\$8,072,546	\$6,395,101	\$499,345	\$44,444		
	CELLS ACADEMIC UNIT 1		\$2,625,891	\$4,371,888	\$3,589,174	\$3,497,989	\$3,354,340
	CELLS ACADEMIC UNIT 2		\$2,021,766	\$3,754,820	\$4,519,386	\$5,434,613	\$5,242,860
	CELLS ACADEMIC UNIT 3		\$998,564	\$6,741,670	\$7,707,005	\$6,625,803	\$6,133,618
	COMMUNITY PLANNING/AREA DEVELOPME..	\$46,009	\$0	\$0			
	COOPERATIVE EXTENSION	\$833,237	\$351,012	\$19,404			
	DEAN'S OFFICE	\$804,300	\$986,265	\$948,285	\$938,727	\$911,871	\$773,871
	ENV & NAT RESOURCE ECONOMICS	\$490,089	\$177,672	\$36,788			
	FISHERIES, ANIMAL & VET SCIENCE	\$1,231,158	\$744,704	\$219,814	\$239,127	\$126,070	\$129,051
	GEOSCIENCES	\$1,621,254	\$728,918	\$332,222	\$300,497	\$67,443	\$65,165
	MARINE AFFAIRS	\$84,010	\$144,011	\$87,074	\$38,819		
	NATURAL RESOURCES SCIENCE	\$3,162,468	\$2,143,743	\$1,546,583	\$1,022,261	\$671,223	\$503,280
	PLANT SCIENCE	\$1,221,151	\$539,082	\$53,152	\$6,353		

FY2014, FY2015, FY2016, FY2017, FY2018 and FY2019 broken down by COLLEGE / UNIT and DEPARTMENT.



EXPENDITURES STEMMING FROM AWARDS THROUGH THE  
DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
BY DEPARTMENT  
FY2014 - FY2019

COLLEGE / UNIT	DEPARTMENT	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019
<b>Sciences</b>	Total	<b>\$19,542,666</b>	<b>\$18,788,966</b>	<b>\$18,989,479</b>	<b>\$18,602,101</b>	<b>\$17,501,655</b>	<b>\$16,211,136</b>
<b>Graduate School of Oceanography</b>	DEAN'S OFFICE				\$32,243		
	GRADUATE SCHOOL OF OCEANOGRAPHY	\$24,896,980					
	GSO COASTAL INSTITUTE		\$14,528	\$30,495	\$72,265	\$136,176	\$103,325
	GSO COASTAL RESOURCES CENTER		\$6,571,402	\$9,083,782	\$10,124,088	\$10,015,426	\$11,026,216
	GSO FACULTY		\$11,152,805	\$11,430,845	\$11,105,679	\$12,854,460	\$14,638,637
	GSO MARINE ARCHAEOLOGY		\$132,713	\$171,784			
	GSO MARINE OFFICE		\$4,237,076	\$2,922,989	\$5,108,179	\$2,627,597	\$4,323,631
	GSO MARINE TECHNICIANS		\$639,039	\$505,540	\$831,791	\$306,115	\$824,168
	GSO RESEARCH				\$947,548		
	GSO RHODE ISLAND SEA GRANT		\$1,165,600	\$925,852	\$1,149,127	\$1,195,741	\$1,414,940
	OFFICE OF MARINE PROGRAMS		\$1,168,836	\$931,966	\$719,020	\$789,542	\$79,343
	Total	<b>\$24,896,980</b>	<b>\$25,081,999</b>	<b>\$26,003,252</b>	<b>\$30,089,940</b>	<b>\$27,925,056</b>	<b>\$32,410,260</b>
<b>President</b>	WOMEN'S CENTER						\$6,000
	Total						<b>\$6,000</b>
<b>Provost</b>	LABOR RESEARCH CENTER	\$0	\$71,624	\$152,338	\$159,806	\$873	\$10,636
	PROVOST ACADEMIC AFFAIRS	\$34,458	\$57,256	\$25,084	\$175,479	\$59,988	
	Total	<b>\$34,458</b>	<b>\$128,880</b>	<b>\$177,422</b>	<b>\$335,285</b>	<b>\$60,861</b>	<b>\$10,636</b>
<b>Research and Economic Development</b>	RESEARCH	\$4,312,959	\$4,037,724	\$3,263,220	\$2,459,154	\$2,697,863	\$5,113,560
	SMALL BUSINESS DEVELOPMENT CTR	\$39,503	\$482,209	\$549,800	\$655,979	\$666,484	\$690,717
	TRANSPORTATION CENTER	\$1,137,234	\$922,605	\$741,193	\$347,934	\$98,450	\$14,578
	Total	<b>\$5,489,696</b>	<b>\$5,442,537</b>	<b>\$4,554,213</b>	<b>\$3,463,067</b>	<b>\$3,462,797</b>	<b>\$5,818,854</b>
<b>Student Affairs</b>	STUDENT LIFE	\$0	\$43,735	\$70,097			
	TALENT DEVELOPMENT	\$205,192	\$221,343	\$188,471			
	VICE PRESIDENT FOR STUDENT AFFAIRS	\$42,050			\$26,840	\$3,359	
	Total	<b>\$247,242</b>	<b>\$265,078</b>	<b>\$258,568</b>	<b>\$26,840</b>	<b>\$3,359</b>	
<b>University College</b>	LEARNING ASSISTANCE CENTER	\$86,036	\$111,858	\$87,073			
	UNIV COLLEGE FOR ACADEMIC SUCCESS						\$46,859

FY2014, FY2015, FY2016, FY2017, FY2018 and FY2019 broken down by COLLEGE / UNIT and DEPARTMENT.

EXPENDITURES STEMMING FROM AWARDS THROUGH THE  
DIVISION OF RESEARCH AND ECONOMIC DEVELOPMENT  
BY DEPARTMENT  
FY2014 - FY2019

COLLEGE / UNIT	DEPARTMENT	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019
University College	UNIVERSITY COLLEGE	\$0	\$24,492	\$23,516		\$3,952	
	Total	<b>\$86,036</b>	<b>\$136,349</b>	<b>\$110,589</b>		<b>\$3,952</b>	<b>\$46,859</b>
University Library	DATASPARK				\$277,462	\$1,008,040	\$1,035,805
	LIBRARY						\$1,768
	Total				<b>\$277,462</b>	<b>\$1,008,040</b>	<b>\$1,037,573</b>
<b>GRAND TOTAL</b>		<b>\$78,309,252</b>	<b>\$78,228,991</b>	<b>\$74,813,058</b>	<b>\$78,350,046</b>	<b>\$80,785,352</b>	<b>\$89,794,010</b>

FY2014, FY2015, FY2016, FY2017, FY2018 and FY2019 broken down by COLLEGE / UNIT and DEPARTMENT.

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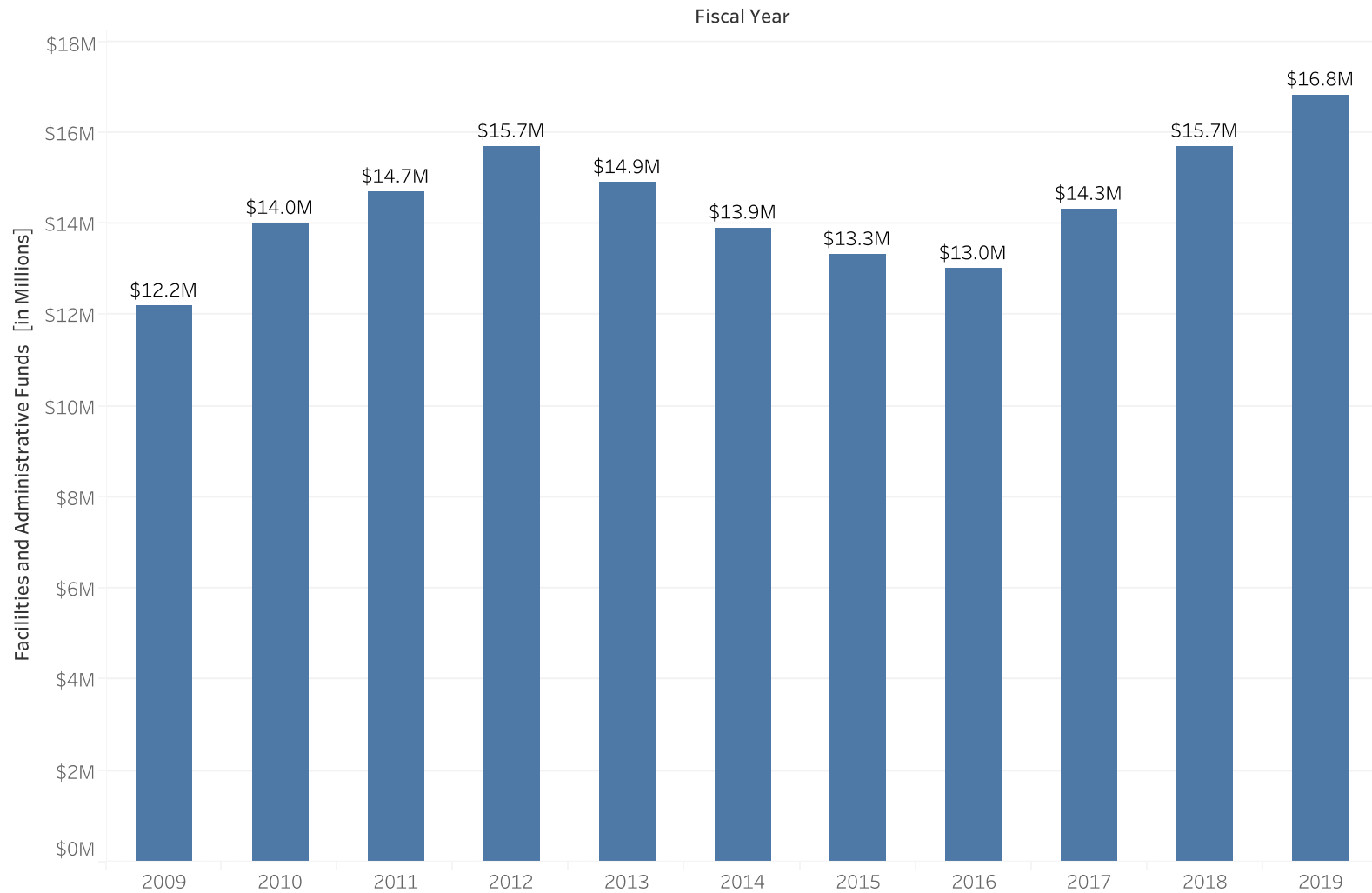
Division of Research and Economic Development

# FACILITIES & ADMINISTRATIVE FUNDS METRICS FY2019

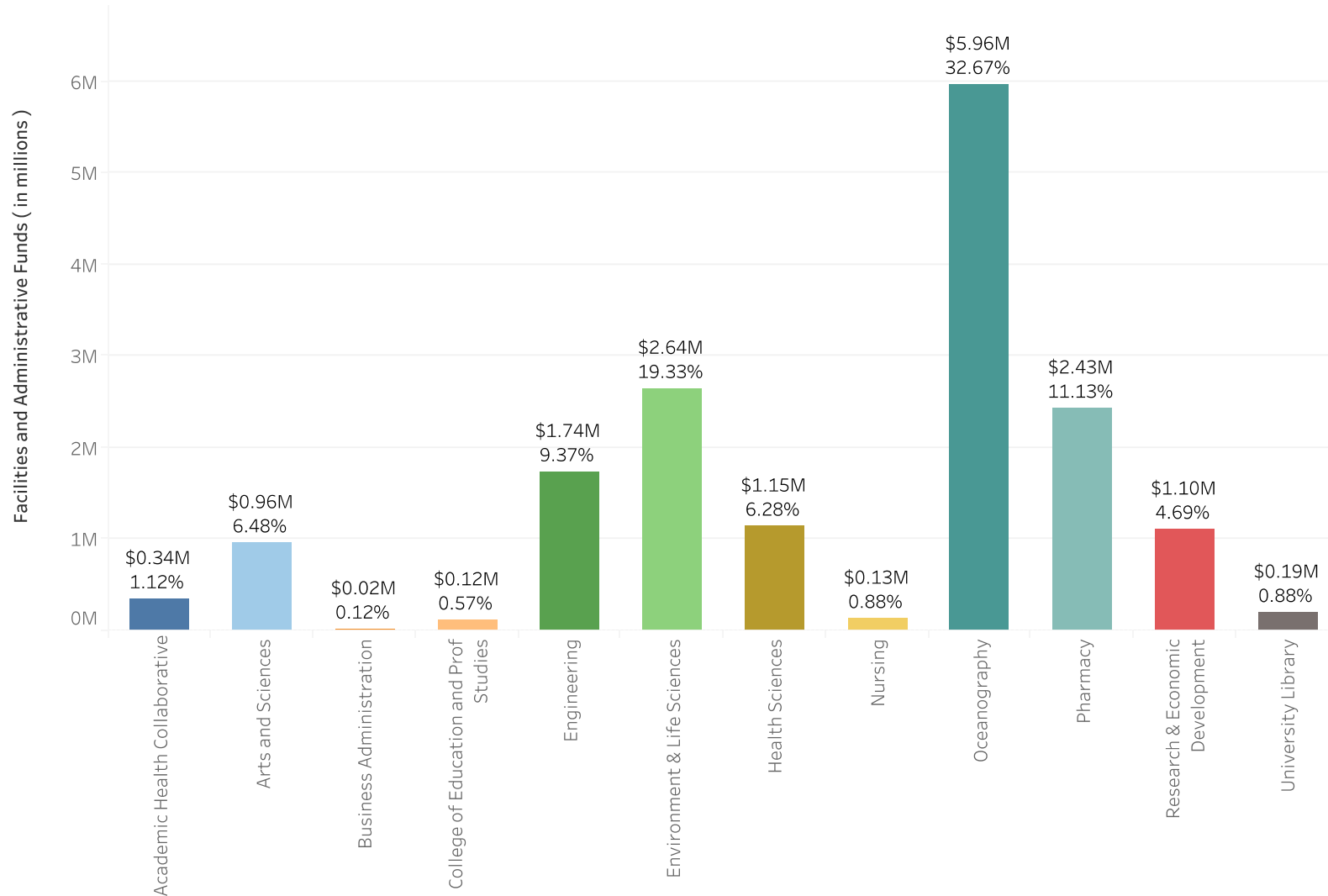
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## FACILITIES AND ADMINISTRATIVE FUNDS TREND FY2009 - FY2019



## FACILITIES AND ADMINISTRATIVE FUNDS RECEIVED BY COLLEGE FY2019



# FACILITIES AND ADMINISTRATIVE FUNDS BY DEPARTMENT FY2014 - FY2019

COLLEGE / UNIT	DEPARTMENT	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019
Academic Health Collaborative	IIHI ADMINISTRATION				\$19,446	\$187,337	\$343,289
	Total				<b>\$19,446</b>	<b>\$187,337</b>	<b>\$343,289</b>
Administration	TRANSPORTATION CENTER	\$173,400					
	VICE PRESIDENT FOR ADMINISTRATION	\$11	\$0	\$0	\$0		
	Total	<b>\$173,411</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		
Arts and Sciences	ARCHEOLOGY AND APPLIED HISTORY	\$4,508	\$2,196	\$2,142	\$3,544	\$1,019	
	ART	\$0	\$0	\$0	\$0		
	CHEMISTRY	\$835,239	\$855,215	\$761,083	\$745,705	\$575,362	\$493,819
	COMMUNICATION STUDIES	\$0	\$0	\$0	\$0		
	COMPUTER SCIENCE/STATISTICS	\$125,337	\$88,509	\$162,860	\$198,987	\$241,952	\$212,497
	DEAN'S OFFICE	\$0	\$0	\$0	\$0		
	ECONOMICS	\$0	\$0	\$0	\$0		
	ENGLISH				\$1,648	\$203	
	FEINSTEIN HUNGER CENTER (DEAN'S OFFICE)	\$157,844	\$101,273	\$94,230	\$95,963	\$93,329	\$88,685
	GENDER AND WOMEN'S STUDIES	\$0	\$0	\$0	\$0		
	HISTORY	\$17,387	\$34,041	\$2,619	\$14,104	\$29,328	(\$880)
	LANGUAGES	\$17,369	\$21,431	\$17,775	\$21,007	\$24,745	\$38,529
	LIBRARY AND INFORMATION STUDIES	\$0	\$0	\$39,417	\$31,314	\$20,046	\$1,087
	MATHEMATICS	\$2,709	\$0	\$0	\$0		
	PHYSICS	\$230,815	\$176,054	\$116,454	\$89,865	\$75,542	\$97,051
	POLITICAL SCIENCE			\$1,680	\$10,443	\$22,422	\$16,867
	SOCIOLOGY/ANTHROPOLOGY	\$0	\$0	\$29,667	\$10,562	\$4,324	\$9,893
	THE HARRINGTON SCHOOL	\$0	\$0	\$0	\$102	(\$102)	
	WRITING AND RHETORIC						\$50
	Total	<b>\$1,391,208</b>	<b>\$1,278,721</b>	<b>\$1,227,929</b>	<b>\$1,223,244</b>	<b>\$1,088,169</b>	<b>\$957,597</b>
Business Administration	DEAN'S OFFICE	\$7,075	\$9,051	\$0	\$3,062	\$18,607	\$16,317
	FACULTY - INSTRUCTION	\$10,006	\$4,081	\$0	\$3,664		
	LABOR AND INDUSTRIAL RELATIONS				\$30,961	\$175	
	RESEARCH CTR FOR BUSINESS ECONOMICS	\$0	\$0	\$0	\$0		
	TEXTILES, FASHION MERCHANDISING	\$0	\$0	\$1,406	\$3,523	\$1,382	(\$211)
	Total	<b>\$17,081</b>	<b>\$13,132</b>	<b>\$1,406</b>	<b>\$41,210</b>	<b>\$20,164</b>	<b>\$16,105</b>
College of Education and Prof Studies	BIOTECH MFG PROVIDENCE COHORT					\$6,207	\$6,374
	CENTER FOR HUMAN SERVICES	\$89,603	\$82,218	\$55,422	\$39,006	\$5,483	

FY2014, FY2015, FY2016, FY2017, FY2018 and FY2019 broken down by COLLEGE / UNIT and DEPARTMENT. The view is filtered on COLLEGE / UNIT, which excludes TOTAL.

# FACILITIES AND ADMINISTRATIVE FUNDS BY DEPARTMENT FY2014 - FY2019

COLLEGE / UNIT	DEPARTMENT	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019
College of Education and Prof Studies	CEPS STRATEGIC INITIATIVES					\$20,878	\$35,953
	SCHOOL OF EDUCATION	\$16,705	\$21,423	\$20,231	\$32,959	\$63,395	\$78,511
	Total	<b>\$106,308</b>	<b>\$103,641</b>	<b>\$75,653</b>	<b>\$71,966</b>	<b>\$95,964</b>	<b>\$120,838</b>
Engineering	CHEMICAL ENGINEERING	\$270,950	\$225,119	\$178,630	\$166,135	\$211,907	\$180,684
	CIVIL/ENVIRONMENTAL ENGINEERING	\$80,865	\$90,437	\$104,414	\$121,714	\$99,578	\$125,201
	COEUT					\$16,562	
	DEAN'S OFFICE	\$12,121	\$15,062	\$13,391	\$9,490	\$16,573	\$6,962
	ELECTRICAL ENGINEERING	\$263,669	\$337,234	\$384,568	\$434,419	\$547,716	\$648,289
	INTERNATIONAL ENGINEERING PRORAM				\$83	\$531	
	MECHANICAL AND INDUSTRIAL SYSTEMS EGR	\$287,996	\$231,900	\$273,071	\$360,503	\$293,989	\$336,726
	OCEAN ENGINEERING	\$302,794	\$345,698	\$328,393	\$410,856	\$386,158	\$442,990
	Total	<b>\$1,218,396</b>	<b>\$1,245,449</b>	<b>\$1,282,468</b>	<b>\$1,503,201</b>	<b>\$1,573,014</b>	<b>\$1,740,852</b>
Environment & Life Sciences	AGRICULTURAL EXPERIMENT STATION	\$0	\$0	\$0	\$0		
	BIOLOGICAL SCIENCES	\$319,712	\$197,346	\$100,194	\$63,415	\$55,739	\$3,120
	CELL AND MOLECULAR BIOLOGY	\$1,676,049	\$995,809	\$157,784	\$15,490		
	CELLS ACADEMIC UNIT 1		\$308,312	\$587,334	\$561,946	\$560,486	\$416,380
	CELLS ACADEMIC UNIT 2		\$247,771	\$508,898	\$728,903	\$931,317	\$818,413
	CELLS ACADEMIC UNIT 3		\$174,464	\$1,091,384	\$1,365,689	\$1,558,537	\$1,295,598
	COMMUNITY PLANNING/AREA DEVEL	\$9,202	\$0	\$0	\$0		
	COOPERATIVE EXTENSION	\$53,754	\$29,605	\$4,001	\$0		
	DEAN'S OFFICE	\$34,580	\$38,135	\$11,125	(\$2,022)		
	ENV & NAT RESOURCE ECONOMICS	\$34,739	\$20,842	\$2,027	\$0		
	FISHERIES, ANIMAL & VET SCIENCE	\$220,978	\$93,118	\$22,107	\$22,730	\$26,015	\$21,658
	GEOSCIENCES	\$162,948	\$90,210	\$86,568	\$67,420	\$1,321	\$34
	MARINE AFFAIRS	\$22,964	\$46,086	\$25,095	\$9,168		
	NATURAL RESOURCES SCIENCE	\$464,718	\$331,817	\$270,465	\$175,216	\$111,517	\$87,472
	PLANT SCIENCE	\$140,018	\$107,805	(\$5,138)	(\$70)		
	Total	<b>\$3,139,661</b>	<b>\$2,681,320</b>	<b>\$2,861,845</b>	<b>\$3,007,886</b>	<b>\$3,244,931</b>	<b>\$2,642,674</b>
Health Sciences	CANCER PREVENTION RESEARCH CTR	\$809,980	\$774,423	\$619,327	\$607,114	\$593,759	\$395,731
	COMMUNICATIVE DISORDERS	\$0	\$0	\$0			
	DEAN'S OFFICE	\$8,993	\$9,227	\$2,016			\$16,198
	GERONTOLOGY	\$29,654	\$27,040	\$30,566	\$48,078	\$57,849	\$117,992
	HEALTH STUDIES						\$8,397

FY2014, FY2015, FY2016, FY2017, FY2018 and FY2019 broken down by COLLEGE / UNIT and DEPARTMENT. The view is filtered on COLLEGE / UNIT, which excludes TOTAL.



# FACILITIES AND ADMINISTRATIVE FUNDS BY DEPARTMENT FY2014 - FY2019

COLLEGE / UNIT	DEPARTMENT	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019
Health Sciences	HUMAN DEVELOPMENT & FAMILY STUDIES	\$10,499	\$5,936	\$5,124	\$5,309	\$5,221	\$7,352
	KINESIOLOGY	\$0	\$0	\$0			\$37,105
	NUTRITION AND FOOD SCIENCE	\$162,544	\$75,144	\$10,165	\$174,455	\$277,960	\$403,715
	PHYSICAL THERAPY	\$31,087	\$28,254	\$39,679	\$42,499	\$35,921	\$44,773
	PSYCHOLOGY	\$39,754	\$42,945	\$46,291	\$44,794	\$84,147	\$114,452
	Total	<b>\$1,092,512</b>	<b>\$962,969</b>	<b>\$753,168</b>	<b>\$922,248</b>	<b>\$1,054,858</b>	<b>\$1,145,714</b>
Nursing	Nursing	\$54,038	\$61,695	\$59,779	\$91,658	\$147,154	\$128,434
	Total	<b>\$54,038</b>	<b>\$61,695</b>	<b>\$59,779</b>	<b>\$91,658</b>	<b>\$147,154</b>	<b>\$128,434</b>
Oceanography	Oceanography	\$5,001,007	\$4,686,116	\$4,513,163	\$5,421,805	\$5,483,576	\$5,964,996
	Total	<b>\$5,001,007</b>	<b>\$4,686,116</b>	<b>\$4,513,163</b>	<b>\$5,421,805</b>	<b>\$5,483,576</b>	<b>\$5,964,996</b>
Pharmacy	BIOMEDICAL AND PHARMACEUTICAL SCIENC..	\$891,519	\$1,116,819	\$1,134,900	\$1,079,657	\$1,639,431	\$2,043,397
	DEAN'S OFFICE	\$0	\$0	\$0	\$204	\$16,334	\$41,524
	ELDERLY MEDICATION	\$0	\$0	\$0	\$0		
	LIVING RITE/HEALTH POLICY	\$260,443	\$282,943	\$63,927	\$0		
	PHARMACY PRACTICE	\$75,179	\$82,570	\$68,141	\$126,891	\$202,580	\$339,431
	RYAN INSTITUTE NEUROSCIENCE					\$9,993	\$9,916
	Total	<b>\$1,227,141</b>	<b>\$1,482,332</b>	<b>\$1,266,968</b>	<b>\$1,206,752</b>	<b>\$1,868,338</b>	<b>\$2,434,268</b>
President	WOMEN'S CENTER						\$444
	Total						<b>\$444</b>
Provost	LABOR RESEARCH CENTER	\$841	\$13,277	\$29,958	\$0		\$2,127
	PROVOST	\$0	\$0	\$0	\$0		
	Total	<b>\$841</b>	<b>\$13,277</b>	<b>\$29,958</b>	<b>\$0</b>		<b>\$2,127</b>
Research & Economic Development	RESEARCH	\$463,780	\$538,964	\$649,154	\$595,600	\$631,837	\$958,470
	SMALL BUSINESS DEVELOPMENT CTR	\$7,901	\$85,227	\$121,176	\$131,141	\$133,299	\$138,145
	TRANSPORTATION CENTER		\$170,855	\$162,893	\$71,606	\$22,525	\$2,930
	Total	<b>\$471,680</b>	<b>\$795,046</b>	<b>\$933,223</b>	<b>\$798,347</b>	<b>\$787,661</b>	<b>\$1,099,545</b>
Student Affairs	TALENT DEVELOPMENT	\$0	\$0	\$0	\$0		
	VICE PRESIDENT FOR STUDENT AFFAIRS	\$8,410	\$8,747	\$14,020	\$5,368	\$672	
	Total	<b>\$8,410</b>	<b>\$8,747</b>	<b>\$14,020</b>	<b>\$5,368</b>	<b>\$672</b>	
University College	LEARNING ASSISTANCE CENTER	\$0	\$0	\$0	\$0		
	UNIVERSITY COLLEGE	\$0	\$0	\$0	\$0		
	Total	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		
University Library	DATASPARK				\$31,769	\$148,555	\$191,979

FY2014, FY2015, FY2016, FY2017, FY2018 and FY2019 broken down by COLLEGE / UNIT and DEPARTMENT. The view is filtered on COLLEGE / UNIT, which excludes TOTAL.



# FACILITIES AND ADMINISTRATIVE FUNDS BY DEPARTMENT FY2014 - FY2019

COLLEGE / UNIT	DEPARTMENT	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019
University Library	LIBRARY						\$557
	Total				\$31,769	\$148,555	\$192,536
Grand Total		\$13,901,694	\$13,332,444	\$13,019,579	\$14,344,899	\$15,700,393	\$16,789,420

FY2014, FY2015, FY2016, FY2017, FY2018 and FY2019 broken down by COLLEGE / UNIT and DEPARTMENT. The view is filtered on COLLEGE / UNIT, which excludes TOTAL.

THE  
UNIVERSITY  
OF RHODE ISLAND

Division of Research and Economic Development

# GLOSSARY

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# ANNUAL REPORT FY2019

## GLOSSARY

### AGENCY ABBREVIATIONS

Agency	Definitions
AID	Agency for International Development
AIRFOR	US Air Force
ARMY	US Army
CFI	Corporations, Foundations and Institutions (Non-Governmental)
CG	US Coast Guard
DHS	US Department of Homeland Security
DOC	US Department of Commerce
DOD	US Department of Defense
DOD1	US Department of Defense ( excluding Army, Navy, Air Force )
DOT	US Department of Transportation
EDUC	US Department of Education
ENERGY	US Department of Energy
EPA	Environmental Protection Agency
FEDSUB	Subcontract/Subgrant from an Institution w/Prime Federal Award
HHS	US Department of Health & Human Services
INT	US Department of the Interior
LABOR	US Department of Labor
MISC	Miscellaneous
MUNICI	Municipalities-Town or City Governments
NASA	National Aeronautic & Space Administration
NAVY	US Navy
NONPRO	Private Not-for-Profit Corporations & Other Entities
NSF	National Science Foundation
OFA	Other Federal Agencies
PRIPRO	Private For Profit Corporations & Other Entities
STATE	State of Rhode Island
UNIV	University Funds other than URI
USDA	US Department of Agriculture

The view is broken down by Agency and Definitions.

# ANNUAL REPORT FY2019

## GLOSSARY

### COLLEGE CODES AND ABBREVIATIONS

College	Definition
A&S	College of Arts & Sciences
AHC	Academic Health Collaborative
BUS	College of Business Administration
CEPS	College of Education and Professional Studies
CRD	College of Resource Development
EGR	College of Engineering
ELS	College of the Environment & Life Sciences
GRD	Graduate School
GSO	Graduate School of Oceanography
HSC	College Of Health Sciences
HSS	College of Human Science & Services
LIB	University Library
NUR	College of Nursing
PHA	College of Pharmacy
PRO	Provost
PRS	President's Office
UCL	University College
VPA	Vice President, Administration
VPR	Vice President, Research and Economic Development
VPS	Vice President, Student Affairs